What is ONP? There are three basic grades of ONP commonly purchased for recycling. ONP #6 and ONP #8 allow only true newsprint, no glossy inserts or any other papers. ONP #6 covers loose, un-baled paper and #8 covers baled newsprint. ONP #7 is a specialty grade that allows for other papers to be mixed in with the newsprint. ONP #7 can include junk mail, office papers, inserts, magazines and catalogs and just about anything you might find in your mailbox. This catch-all grade was originally referred to as Post Office Pak. ONP #7 does require that bales include a minimum of about 65% newsprint (see other side for a detailed ONP #7 specification).

What is ONP Used For? ONP is used to produce new newsprint.

How Should ONP be Prepared? ONP is most commonly purchased as a baled commodity. ONP must be kept dry and sheltered from sunlight.

ONP #6: Consists of newspaper as typically generated from news drives and curbside collections. Prohibitive materials <1% Total Outthrows <5%

ONP #7: Consists of sorted fresh newspapers, not sunburned, containing not more than the usual percentage of rotogravure and colored sections. May contain magazines. Prohibitive materials 0% Total Outthrows ¼ of 1%

ONP #8: Consists of sorted, fresh newspapers, not sunburned, free from magazines, white blank, press-room over issues, and paper other than news, containing not more than the normal percentage of rotogravure and colored sections. This grade must be tare-free. Prohibitive materials 0% Total Outthrows ¼ of 1%

Source: ISRI

Percent Paper in MSW

<table>
<thead>
<tr>
<th>Paper Type</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>Newspaper</td>
<td>5%</td>
</tr>
<tr>
<td>Office Paper</td>
<td>2.5%</td>
</tr>
<tr>
<td>Mixed Paper</td>
<td>6%</td>
</tr>
<tr>
<td>Other Paper</td>
<td>8%</td>
</tr>
<tr>
<td>Municipal Solid Wastes (MSW)</td>
<td>79%</td>
</tr>
</tbody>
</table>

NM Markets

Catalyst Paper .......................... 604-527-2388
Operates a paper mill in Snowflake AZ, as well as others in the US and Canada.

Durango McKinley Paper .................. 505-873-0440
Operates two recycling processing facilities, Albuquerque and El Paso that provide materials to company-owned mills in Mexico.

Master Fibers .......................... 505-345-6413
Operates a recycling processing facility in Albuquerque that provides materials to company-owned mills in Mexico.

International Paper ..................... 602-225-0560
Operates several mills across US.
ONP will consist of sorted, fresh, newspapers, not sunburned, white blank, pressroom over-issues, containing the normal percentage of rotogravure and colored sections. ONP may include (i) up to 10% or 200 pounds per ton of Magazines, (ii) up to 2% or 40 pounds per ton of Other Papers (as defined below), (iii) up to ¼ of 1% or 5 pounds per ton of Outthrows (as defined below), (iv) up to ¼ of 1% or 5 pounds per ton of Prohibitives (as defined below), and (v) up to 10% moisture content.

**OTHER PAPERS:** means any of the following:

- Pamphlets & Brochures
- Shopping Catalogs
- Sorted White Ledger (SWL)
- Papers printed with flexographic inks
- Envelopes
- Mail
- Household White Paper

**OUTTHROWS:** means any of the following:

- Unbleached Bags
- Manila File Folders
- Boxboard
- Post-it Notes
- Corrugated Containers (OCC)
- Brown Kraft Envelopes
- Chipboard
- Telephone Directories

**PROHIBITIVES:** means all non-paper items, including, but not limited to:

- Wood
- Metal
- Plastics
- Tapes
- Foil Laminated Papers
- Asphalt Treated Papers
- Spiral or Plastic-bound
- Notebooks
- X-rays
- Food Waste
- Beater Dyed Papers
- Glass
- Rubber
- Styrofoam
- Photographs
- UV Coated Papers
- Carbon Paper
- Medical Waste
- Electrocardiogram (EKG)
- Hazardous Materials
- Wet Strength Papers
- (Blueprints, Carrier Stock)

This grade is subject to rejection for excessive outthrows, prohibitives, other papers, magazines and / or moisture.
What About Other Papers? While the ONP #7 grade allows for other paper types to be included, this may not be the best option for all programs. There are at least 50 different grades of paper in demand by various paper mills across the country. They range from common grades for office papers to specialized grades designed for uncommon paper types. Generally, the more refined the grade the higher the value of the material. Sorted White Ledger (SWL), for instance, is valued many times higher than unsorted Office Pak (OP).

While the increased value is attractive, meeting the specifications for higher grades is challenging and relatively costly. These grades should only be pursued if consistent supplies, staff and equipment are available. Following is a list of the most common specialty grades of paper:

- **Office Pak (OP)** unsorted papers from office settings
- **Sorted White Ledger (SWL)** white paper only from office settings
- **Magazines (OMG)** magazines and catalogs
- **Computer Printout (CPO)** tractor fed blue and green bar computer paper, similar to white paper
- **Groundwood CPO** same as CPO but limited to newsprint type paper
- **Phone Books (OTD)** old phone books only

**Alternative Paper Markets?** In addition to traditional paper mills, there are several alternative markets for paper. The largest and most established of these is the paper based insulation market. US Green Fiber operates several mills in the Southwest which process recycled paper into insulation for residential and commercial construction applications. Their process relies on newsprint as the main feedstock, but they also buy other grades in smaller quantities including OTD and OMG. Other alternative markets utilize waste paper for animal bedding, pellet fuels and other products.

**Pursuing Specialty and Alternative Paper Markets.** In exploring the potential of other paper grades, it is best to start with the potential markets and exploring the various grades they purchase. Paper markets often buy many different grades so it may be possible to combine several grades in one shipment to the same market. Always keep in mind, that if a large quantity of a specialty paper turns up for recycling in your community, discuss the material with your market, as you may be able to sell it at a premium.