



Product Data Sheet
Epolene® N-15P Polymer

Application/Uses

- Building and Construction
- Hot Melt Adhesives
- Packaging
- Solvent borne Adhesives
- Wax Modification

Key Attributes

- Improves blocking, scuff, and abrasion resistance in paraffin wax blends
- Low molecular weight
- Polypropylene (PP) homopolymer
- Useful in color concentrates, toner compounds, and as a pigment dispersion aid

Product Description

Epolene N-15P is a low viscosity polypropylene homopolymer powder with a high melt point and excellent hardness. *Epolene* N-15P is used in color concentrates, toner compounds, and as a pigment dispersion aid in polypropylene fiber applications. As a paraffin wax modifier it improves blocking, scuff, and abrasion resistance.

Typical Properties

Property	Test Method	Typical Value, Units
Polymer Type		<i>PP</i>
Ring and Ball Softening Point	ASTM E 28	163°C
Penetration Hardness ^a	ASTM D 5	<1 dmm
Viscosity, Brookfield @ 125°C (257°F)		Solid @ this temp

@ 190°C (374°F)	700 cP
Molecular Weight ^b	12,000
Physical Form	Powder

^a Needle under 100-g load for 5s @ 25 deg C, tenths of mm

^b Molecular weight measured via Gel Permeation Chromatography (GPC) using polystyrene standards

Comments

Properties reported here are typical of average lots. Westlake makes no representation that the material in any particular shipment will conform exactly to the values given.

Compatibility and Solubility

Epolene polymers are compatible with many polymers, resins, and natural and synthetic waxes.

Packaging

Epolene N-15P is supplied as free-flowing powder, packaged in multiwall paper bags with a polyethylene coated inner liner [40 lb net weight]. The bags are palletized and stretch wrapped to prevent contamination during storage and shipment. Many *Epolene* polymers are also shipped in a variety of bulk containers. *Epolene* N-15P polymer is available in pellet form as *Epolene* N-15 polymer.

Storage

The useful life of this product can be affected by storage and handling conditions. When stored in the original unopened container in an enclosed area and protected from moisture, extreme temperatures and contamination, this product is estimated to continue to meet applicable sales specifications for more than 4 years from the date of manufacture. First in first out (FIFO) inventory control is recommended.

It is your responsibility to determine that our product is safe, lawful and technically suitable for your intended uses. Please note that this letter is provided to you as one of the means to assist you in analyzing our product,

and does not serve to modify or amend our sales contract or sales arrangement.

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