

DuPure[®] R 01 NP

Polypropylene Homopolymer – Non Pelletized

Description

DuPure R 01 NP is a non-pelletized polypropylene homopolymer (produced with a phthalate-free catalyst) supplied in the form of unstabilized free flowing powder. The spherical shape and narrow particle size distribution (with low fines content) makes DuPure R 01 NP very suitable for mixing with additives, liquids, fillers and (color-)pigments, and for compounding with other polymers (e.g. S(E)BS, EPDM resins).

Applications

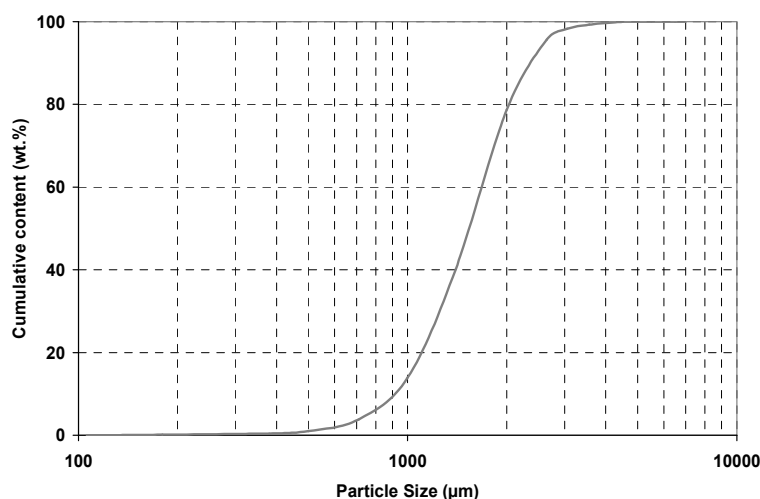
DuPure R 01 NP is suitable for: Compounding, Masterbatches

Quality, Environment and Safety Regulations

Material Safety Data Sheets and other regulatory documents are available on our web site <http://www.ducorchem.com>

Properties		Method	Typical Value*	Unit
Physical				
Melt Flow Rate	(230 °C/ 2.16 kg)	ISO 1133	12**	g/10 min
Mechanical				
Tensile Modulus	(1 mm/min)	ISO 527-2	1600	MPa
Thermal				
Melting Point, DSC		ISO 3146	163	°C
Other Properties				
Density		ISO 1183	0.91	g/cm ³

Particle Size Distribution



* Typical values; not to be construed as specifications

** The indicated Melt Flow Rate (MFR) is obtained by premixing the non-pelletized resin with an additive blend, consisting of: 0.25-0.5% Primary (e.g. phenolic) anti-oxidant, 0.25-0.5% Secondary (e.g. phosphite) anti-oxidant, and 0.05 - 0.1% Acid scavenger (e.g. Calcium stearate), prior to the MFR measurement

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