

# DuPure<sup>®</sup> QU 01 NP

## Polypropylene Random Copolymer – Non Pelletized

### Description

**DuPure QU 01 NP** is a non-pelletized polypropylene random copolymer (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 QU 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). The low melting point enables easy dispersion, of e.g. masterbatches based on DuPure QU 01 NP as carrier resin.

### Applications

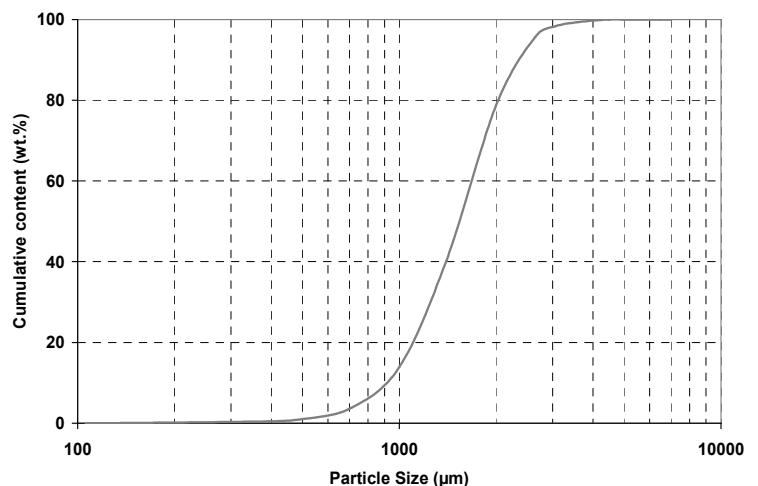
**DuPure QU 01 NP** is suitable for: Compounding, Masterbatches

### 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
<b>Physical</b>				
Melt Flow Rate	(230 °C/ 2.16 kg)	ISO 1133	42**	g/10 min
<b>Mechanical</b>				
Tensile Modulus	(1 mm/min)	ISO 527-2	1000	MPa
<b>Thermal</b>				
Melting Point, DSC		ISO 3146	145	°C
<b>Other Properties</b>				
Density		ISO 1183	0.91	g/cm <sup>3</sup>

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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