

# DuPure<sup>®</sup> QT 01 NP

## Polypropylene Random Copolymer – Non Pelletized

### Description

**DuPure QT 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 QT 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 QT 01 NP as carrier resin.

### Applications

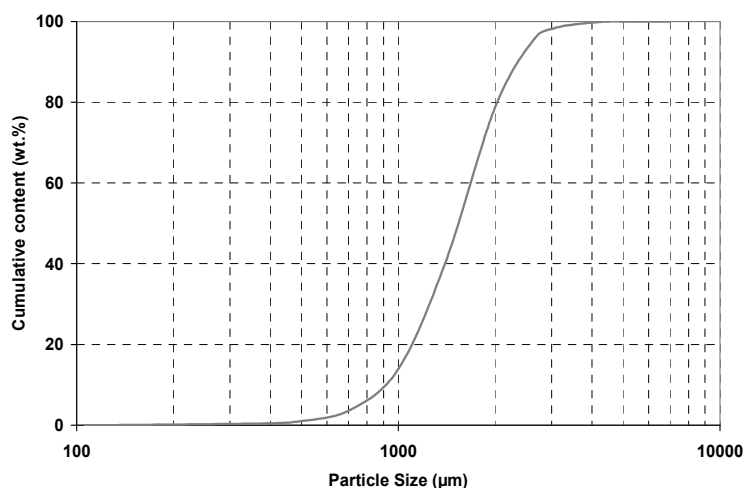
**DuPure QT 01 NP** is suitable for: Compounding, Masterbatches

### 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	25**	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.

Ducor Petrochemicals B.V., POB 1038, 3180AA Rozenburg ZH, the Netherlands

Web: <http://www.ducorchem.com/>

Email: [sales@ducorchem.com](mailto:sales@ducorchem.com)

Last updated: February 2025

The information contained herein is to our knowledge accurate and reliable as of the date of publication. Ducor Petrochemicals extends no warranties and makes no representations as to the accuracy or completeness of the information contained herein and assumes no responsibility regarding the consequences of its use or for any printing errors. Our products are intended for sale to industrial and commercial customers. It is the customer's responsibility to inspect and test our products in order to satisfy himself as to the suitability of the products for the customer's particular purpose. The customer is also responsible for the appropriate, safe and legal use, processing and handling of our products.