

Product Data Sheet

Polypropylene Copolymer

Process: Thermoforming, General extrusion, Extrusion Blow Molding

PCE 01 is a high melt flow rate heterophasic copolymer. It has broad molecular weight distribution and general purpose additive package. PCE 01 presents low odor/taste transfer, high melt strength, good processability and excellent impact strength even at low temperatures.

Application:

Lown packaging and technical parts in general, Sheet extrusion with high Impact Resistance, Thermoformed packages with high impact strength, Corrugated pipes for water drainage of sinks or washbasin.

Control & Typical Properties			
Feature	Method	Units	Values
Melt Flow Rates (230 °C/2.16 kg)	D 1238	g/10 min	1.0
Density	D 792	s/cm ³	0.900
Flexural Modulus - 1% Secant	D 790	Mpa	900
Tensile Strength at Yield	D 638	Mpa	25
Tensile Elongation at Yield	D 638	%	11
Notched Izod Impact Strength	D 256	J/m	> 400
Deflection Temperature under Load at 0.455 Mpa	D 648	°C	100
Deflection Temperature under Load at 1.820 Mpa	D 648	°C	52
Vicat Softening Temperature at 10N	D 1525	°C	149
Rockwell Hardness (R Scale)	D 785		60

¹ Typical values which can vary within specification limits and are not to be construed as specifications.

² 2.16 kg/230° C.