

Product Data Sheet

Polypropylene Homopolymer

Process: Extrusion Blow Molding, General Extrusion

PHB 015 is a high melt flow rate homopolymer used for general purposes. This product is designed for blow moulding and extrusion applications. PHB 015 exhibits excellent processability, excellent stiffness/impact strength and low odor/taste transfer.

Application:

Food packaging, bottles, Sheets, General corrugated sheets

Control & Typical Properties			
Feature	Method	Units	Values
Melt Flow Rates (230 °C/2.16 kg)	1133	g/10 min	1.5
Density	1183-1	s/cm ³	0.905
Flexural Modulus - 1% Secant	178	Mpa	1500
Tensile Strength at Yield	527-1	Mpa	34
Tensile Elongation at Yield	527-1	%	13
Notched Izod Impact Strength	180	KJ/m ²	3.6
Deflection Temperature under Load at 0.455 Mpa	75-1/75-2	°C	90
Deflection Temperature under Load at 1.820 Mpa	75-1/75-2	°C	54
Vicat Softening Temperature at 10N	306	°C	155
Rockwell Hardness (R Scale)	2039-2		98

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

² 2.16 kg/230° C.