

Product Description

High Flow, ABS

General Considerations

Resin ID (ISO 1043)	· ABS	
Additive	· High Flow	
Processing	· Injection Molding	· Extrusion
Color	· Natural	

- The information below is for informational purposes only and should not be adopted as specification limits.

Physical	Value	Unit	Method
Density / Specific Gravity	1,04	g/cm ³	ASTM D 792/A
Melt Flow Rate (220°C/10kg)	37	g/10min	ASTM D 1238/A

Mechanical	Value	Unit	Method
Tensile Strength	45	MPa	ASTM D 638
Flexural Strength	65	MPa	ASTM D 790
Flexural Modulus	2450	MPa	ASTM D 790
Izod Notched Impact Strength 23°C	240	J/m	ASTM D 256

Thermal	Value	Unit	Method
Heat Deflection Temperature 1,80 Mpa, Annealed	96	°C	ASTM D 648
Vicat Softening Temperature	102	°C	ISO 306/A50

Flammability	Value	Unit	Method
Flammability (3,2mm)	HB	--	UL-94

Process	Value	Unit	Method
Molding Process Temperature	200 to 240	°C	--
Mold Temperature	60 to 80	°C	--
Drying	80/4	°C/Hours	--

Data contained in this Data Sheet have been obtained in laboratory and reflect the average number of batches produced. This information is current as of the date on which it was authorized to print this. The Petropol reserves the right to alter designs, specifications and information on its products at any time or discontinue them, regardless of any notice or statement without incurring liability of any kind.