

Technical Data Sheet

Hostalen PP H5416K



Polypropylene, Random Copolymer

Product Description

Hostalen PP H5416K is a nucleated polypropylene random copolymer with high melt viscosity for extrusion, and high heat and extraction stability. Typical customer applications are industrial pipe, heating and cooling plumbing.

Application	Industrial; Plumbing, Heating & Cooling
Market	Industrial, Building & Construction; Pipe
Processing Method	Pipe; Sheet
Attribute	Antioxidant; Random Copolymer

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	0.3	g/10 min	ASTM D1238
Density	0.90	g/cm ³	ASTM D792
Mechanical			
Flexural Modulus	850	MPa	ASTM D790
Tensile Strength at Yield	27	MPa	ASTM D638
Tensile Elongation at Yield	10	%	ASTM D638
Impact			
Notched Izod Impact Strength, (23 °C)	230	J/m	ASTM D256
Thermal			
Vicat Softening Point	123	°C	ASTM D1525
Deflection Temperature Under Load, (0.46 N/mm ²)	83	°C	ASTM D648