



Hostalen PP H5416 K

Polypropylene, Random Copolymer

Product Description

Hostalen PP H5416 K is a natural nucleated polypropylene random copolymer. The product has a high heat- and extremely high extraction stability. It is not intended for medical and pharmaceutical applications.

Product Characteristics

Status	Commercial: Active
Test Method used	ISO ASTM
Availability	Asia-Pacific
Processing Method	Extrusion Pipe Sheet and Semi Finished Products
Features	Antioxidant, Random Copolymer
Typical Customer Applications	Plumbing, Heating & Cooling

Typical Properties	Method	Value	Unit
Physical			
Melt flow rate	ASTM D 1238		
(230°C/2.16kg)		0.3	g/10 min
(190°C/5.0kg)		0.5	g/10 min
(230°C/5.0kg)		1.3	g/10 min
Density	ASTM D 1505	0.9	g/cm ³
Mechanical			
Tensile Strength @ Yield	ASTM D 638	270	kg/cm ²
Flexural Modulus (23 °C)	ASTM D 790	8500	kg/cm ²
Tensile Elongation @ Yld	ASTM D 638	10	%
Impact			
Notched izod impact (23 °C)	ASTM D 256	23	kg-cm/cm
Thermal			
Vicat softening point	ASTM D 1525	123	°C
Heat deflection temperature at 0.46 N/mm ²	ASTM D 648	83	°C

Notes

Typical properties; not to be construed as specifications.

Additional Properties

Processing:

The recommended conditions will depend on the typ of equipment used and the size and wall

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