Technical Data Sheet

Hostalen PP H5416K

Polypropylene, Random Copolymer

Product Description

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

Regulatory Status

For regulatory compliance information, see *Hostalen* PP H5416K Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

Status	Commercial: Active
Availability	Africa-Middle East; Asia-Pacific; Australia and New Zealand
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/cm³	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/mm²)	83	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

Notes

These are typical property values not to be construed as specification limits.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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