

## 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.

<b>Status</b>	Commercial: Active
<b>Availability</b>	Africa-Middle East; Asia-Pacific; Australia and New Zealand
<b>Application</b>	Industrial; Plumbing, Heating & Cooling
<b>Market</b>	Industrial, Building & Construction; Pipe
<b>Processing Method</b>	Pipe; Sheet
<b>Attribute</b>	Antioxidant; Random Copolymer

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