

# Hostalen H5416K

Polypropylene Random Copolymer  
LyondellBasell Industries

Message:

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.

General Information	
Additive	Nucleating agent
Features	Nucleated
	Pull-out resistance
	Viscosity, High
Uses	Industrial application
	Pipe components
	Piping system
Processing Method	Pipeline extrusion molding
	Extrusion
	Sheet extrusion molding

Physical	Nominal Value	Unit
Density	0.900	g/cm <sup>3</sup>
Melt Mass-Flow Rate (MFR)		
230°C/2.16 kg	0.30	g/10 min
230°C/5.0 kg	1.3	g/10 min
Hardness	Nominal Value	Unit
Rockwell Hardness (R-Scale)	123	
Mechanical	Nominal Value	Unit
Tensile Strength (Yield)	27.0	MPa
Tensile Elongation (Yield)	10	%
Flexural Modulus	850	MPa
Impact	Nominal Value	Unit
Notched Izod Impact (23°C)	230	J/m

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