

# PERCOM® PHC31

Polypropylene Copolymer

A. Schulman Europe

## Message:

A polypropylene copolymer compound grade with a narrow molecular weight distribution and excellent combination of impact, anti-static and flow properties. Applications include automotive components and household storage articles.

General Information			
Features	Copolymer		
	Narrow molecular weight distribution		
Uses	Household goods		
	Application in Automobile Field		
RoHS Compliance	RoHS compliance		
Forms	Particles		
Physical	Nominal Value	Unit	Test Method
Density	0.905	g/cm <sup>3</sup>	ISO 1183
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	15	g/10 min	ISO 1133
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	65		ISO 868
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress			ISO 527-2
Yield	26.0	MPa	ISO 527-2
Fracture	20.0	MPa	ISO 527-2
Tensile Strain (Break)	600	%	ISO 527-2
Flexural Modulus	1350	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	10	kJ/m <sup>2</sup>	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	52.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	147	°C	ISO 306/A50
--	71.0	°C	ISO 306/B50

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