

SCHULASINT™ F5400

Polypropylene Random Copolymer

ICO Polymers EMEA, A Division of A. Schulman

Message:

Schulasint™ F5400 is a premium quality Polypropylene (PP) copolymer.

It is unusual in that it has a very high melt flow index, and lower than normal crystalline melting point.

It is also highly translucent.

Typical applications include: textile binders

It is available as a powder in various fine particle sizes with dry powder fluidising agents added.

General Information			
Features	Food Contact Acceptable		
	High Flow		
	Medium Clarity		
Uses	Adhesives		
	Textile Applications		
Forms	Powder		
Physical	Nominal Value	Unit	Test Method
Density	0.902	g/cm ³	ASTM D1505
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	110	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	1300	MPa	ISO 527-2
Tensile Stress (Yield)	31.0	MPa	ISO 527-2
Tensile Strain (Yield)	10	%	ISO 527-2
Flexural Modulus	1260	MPa	ISO 178
Thermal	Nominal Value	Unit	Test Method
Peak Melting Temperature	140	°C	DSC

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