

POLYFORT® FPP 1006U - 315 black 73135 EU

FORD JA6A

Polypropylene Homopolymer

A. Schulman Europe

Message:

20% talc filled PP Homo Compound, UV stabilized

General Information			
Filler / Reinforcement	Talc filler, 20% filler by weight		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PP T20 UV		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	14.0	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2600	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	28.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	5.0	%	ISO 527-2/1A/50
Flexural Modulus ¹	2900	MPa	ISO 178
Flexural Stress ²			ISO 178
3.5% strain	45.0	MPa	ISO 178
5.8% strain	50.0	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength (23°C)	2.1	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	32	kJ/m ²	ISO 179/1eU
Notched Izod Impact (23°C)	2.3	kJ/m ²	ISO 180/1A
Unnotched Izod Impact Strength (23°C)	24	kJ/m ²	ISO 180/1U
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	123	°C	ISO 75-2/Bf
1.8 MPa, not annealed	65.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	152	°C	ISO 306/A50
--	93.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Burning Rate	43	mm/min	ISO 3795
Additional Information			

1.)
Not for use in food contact applications2.)
Not for use in medical or pharmaceutical applications

NOTE

1.	2.0 mm/min
2.	2.0 mm/min

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