POLYFORT® FPP 30 T WLB

Polypropylene Homopolymer

A. Schulman Europe

Message:

30% talc filled PP-Homopolymer, detergent resistant

General Information			
Filler / Reinforcement	Talc filler, 30% filler by weight		
Processing Method	Injection molding		
Physical	**Nominal Value**	**Unit**	**Test Method**
Density	1.15	g/cm³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	21.0	cm³/10min	ISO 1133
Hardness	**Nominal Value**	**Unit**	**Test Method**
Ball Indentation Hardness (H 358/30)	75.0	MPa	ISO 2039-1
Mechanical	**Nominal Value**	**Unit**	**Test Method**
Tensile Modulus	3800	MPa	ISO 527-2/1A/1
Tensile Stress (Yield)	32.0	MPa	ISO 527-2/1A/50
Tensile Strain (Yield)	3.0	%	ISO 527-2/1A/50
Impact	**Nominal Value**	**Unit**	**Test Method**
Charpy Notched Impact Strength (23°C)	2.5	kJ/m²	ISO 179/1eA
Charpy Unnotched Impact Strength (23°C)	22	kJ/m²	ISO 179/1eU
Thermal	**Nominal Value**	**Unit**	**Test Method**
Heat Deflection Temperature			
0.45 MPa, not annealed	128	°C	ISO 75-2/Bf
1.8 MPa, not annealed	77.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	155	°C	ISO 306/A50
--	97.0	°C	ISO 306/B50
Electrical	**Nominal Value**	**Unit**	**Test Method**
Surface Resistivity	> 1.0E+15	ohms	IEC 60093
Volume Resistivity	> 1.0E+13	ohms·cm	IEC 60093
Flammability	**Nominal Value**	**Unit**	**Test Method**
Burning Rate	< 100	mm/min	ISO 3795
Flammability Classification			IEC 60695-11-10, -20
1.50 mm	HB		IEC 60695-11-10, -20
3.00 mm	HB		IEC 60695-11-10, -20
Additional Information			

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

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China