

POLYFORT® FPP 40 T LE K2274

Polypropylene Homopolymer

A. Schulman Europe

Message:

40% talc-filled PP-Homopolymercompound, low emission and low odour

General Information			
Filler / Reinforcement	Talc filler, 40% filler by weight		
Features	Homopolymer		
Processing Method	Injection molding		
Resin ID (ISO 1043)	PP-H 40T LE		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm ³	ISO 1183/A
Melt Volume-Flow Rate (MVR) (230°C/2.16 kg)	8.00	cm ³ /10min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	4200	MPa	ISO 527-2/1A/1
Tensile Stress (Break)	24.0	MPa	ISO 527-2/1A/5
Tensile Strain (Break)	4.6	%	ISO 527-2/1A/5
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA
-30°C	1.8	kJ/m ²	ISO 179/1eA
23°C	2.5	kJ/m ²	ISO 179/1eA
Charpy Unnotched Impact Strength			ISO 179/1eU
-30°C	11	kJ/m ²	ISO 179/1eU
23°C	20	kJ/m ²	ISO 179/1eU
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature			
0.45 MPa, not annealed	130	°C	ISO 75-2/Bf
1.8 MPa, not annealed	75.0	°C	ISO 75-2/Af
Vicat Softening Temperature			
--	155	°C	ISO 306/A50
--	90.0	°C	ISO 306/B50
Flammability	Nominal Value	Unit	Test Method
Burning Rate	< 100	mm/min	ISO 3795
Flame Rating			UL 94, IEC 60695-11-10, -20
1.50 mm	HB		UL 94, IEC 60695-11-10, -20
3.00 mm	HB		UL 94, IEC 60695-11-10, -20

Additional Information

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

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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

