

Hostalen PP H7350FLS 303064

Polypropylene Homopolymer

LyondellBasell Industries

Message:

Hostalen PP H7350FLS 303064 is a polypropylene homopolymer, grey coloured similar to RAL 7037 (Dusty Grey). The product contains a bromine flame retardant. It is not halogen free.

Semifinished products fulfil burning-class B1 according to DIN 4102. In UL 94-burning test V-2 can be achieved. The product is no UL-listed.

EU burning class (construction products) according to EN 13501-1:Ed2

The product requires special processing conditions: Details see under "Processing".

The material Hostalen PP H7350FLS 303064 has not been tested and therefore has not been certified for pressure applications. For further details about the suitable applications for this material please contact LyondellBasell.

Hostalen PP H7350FLS 303064 is not intended for medical and pharmaceutical applications.

General Information			
Additive	Flame Retardant		
Features	Flame Retardant		
	Homopolymer		
Uses	Construction Applications		
	Industrial Applications		
	Sheet		
Appearance	Grey		
Forms	Pellets		
Processing Method	Extrusion		
Physical	Nominal Value	Unit	Test Method
Density	0.924	g/cm ³	ISO 1183
Melt Mass-Flow Rate (MFR)			ISO 1133
190°C/5.0 kg	0.80	g/10 min	
230°C/2.16 kg	0.40	g/10 min	
230°C/5.0 kg	1.6	g/10 min	
Hardness	Nominal Value	Unit	Test Method
Ball Indentation Hardness (H 358/30)	62.0	MPa	ISO 2039-1
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus - Secant (23°C)	1080	MPa	ISO 527-2/1
Tensile Stress (Yield, 23°C)	27.0	MPa	ISO 527-2/50
Tensile Strain (Yield, 23°C)	12	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
0°C	18	kJ/m ²	
23°C	54	kJ/m ²	
Thermal	Nominal Value	Unit	Test Method

Heat Deflection Temperature			
0.45 MPa, Unannealed	85.0	°C	ISO 75-2/B
1.8 MPa, Unannealed	55.0	°C	ISO 75-2/A
Vicat Softening Temperature			
--	151	°C	ISO 306/A50
--	85.0	°C	ISO 306/B50
Melting Temperature (DSC)	165	°C	ISO 3146
Flammability	Nominal Value	Test Method	
Flame Rating (1.57 mm)	V-2	UL 94	
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	210	°C	
Cylinder Zone 2 Temp.	200	°C	
Cylinder Zone 3 Temp.	190	°C	
Cylinder Zone 4 Temp.	190	°C	
Melt Temperature	190 to 210	°C	

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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



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