

TOLEN H253 FF/2

Polypropylene Homopolymer

SIBUR

Message:

PP-H253-FF/2 is a polypropylene homopolymer with standard molecular weight distribution. The product is characterized by high melt flow range, anti-gas fading stabilization package providing excellent colour protection and balanced physical and mechanical properties.

TYPICAL APPLICATIONS

PP-H253-FF/2 is recommended for fiber applications, especially for multifilament yarn and staple fibres. It complies with EU Food Contact Regulations.

General Information			
Additive	Anti-smoke fade		
Features	Homopolymer		
	Resistance to gas fading		
	High liquidity		
	Compliance of Food Exposure		
Uses	staple fiber		
	Fiber		
	Line		
Agency Ratings	EC 1907/2006 (REACH)		
	European food contact, not rated		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	25	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	34.0	MPa	ISO 527-2/50
Tensile Strain (Yield)	10	%	ISO 527-2/50
Flexural Modulus ¹	1400	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C)	2.0	kJ/m²	ISO 180
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	80.0	°C	ISO 75-2/B
Vicat Softening Temperature	155	°C	ISO 306/A
NOTE			
1.	5.0 mm/min		

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