

MOSTEN GB 608

Polypropylene Copolymer

UNIPETROL RPA

Message:

Polypropylene Mosten GB 608 is an impact resistant, nucleated block copolymer, intended for injection moulding of parts with high demands on impact strength. It exhibits good balance between stiffness and toughness. Typical application is production of technical parts, such as cases, tool and transportation boxes, travelling cases shells, car battery boxes, etc. The grade can also be used as a matrix for manufacture of various compounds, especially in car industry.

General Information			
Additive	Nucleating Agent		
Features	Block Copolymer		
	Food Contact Acceptable		
	Good Stiffness		
	Good Toughness		
	High Impact Resistance		
Uses	Nucleated		
	Automotive Applications		
	Battery Cases		
	Compounding		
	Tool/Tote Box		
Agency Ratings	EC 1935/2004		
	EU No 10/2011		
Forms	Pellets		
Processing Method	Compounding		
	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Melt Mass-Flow Rate (MFR) (230°C/2.16 kg)	8.0	g/10 min	ISO 1133
Mechanical	Nominal Value	Unit	Test Method
Tensile Stress (Yield)	21.0	MPa	ISO 527-2
Tensile Strain (Break)	> 200	%	ISO 527-2
Flexural Modulus	1050	MPa	ISO 178
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179
-20°C	6.0	kJ/m²	
23°C	40	kJ/m²	

Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (1.8 MPa, Unannealed)	50.0	°C	ISO 75-2/A
Vicat Softening Temperature	145	°C	ISO 306

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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

