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Technical Data Sheet

PP R481

Polypropylene Random copolymer

PRODUCT DESCRIPTION

PP R481 IM/3 is a high melt flow rate random copolymer for Injection Molding applications. It is formulated with clarifier and antistatic additives resulting in improved productivity and demolding characteristics. The product exhibits excellent fluidity, high clarity and a good balance of stiffness and impact strength.

TYPICAL APPLICATIONS

PP R481 IM/3 is recommended for highly transparent Thin-Wall Injection Molding (TWIM) items, such as household goods, containers, boxes and thin-wall packaging.

Properties	Conditions	Method	Typical values*	Units
Rheology				
Melt Flow Rate	230 °C/2.16 kg	ASTM D1238	48	g/10 min
Mechanical				
Tensile Stress at Yield	50 mm/min	ISO 527-1	29	MPa
Elongation at Yield	50 mm/min	ISO 527-1	11	%
Flexural Modulus		ISO 178	1150	MPa
Impact				
Notched Izod Impact Strength	23 °C	ASTM D256	85	J/m
Charpy Notched Impact Strength	23 °C	ISO 179	6	kJ/m^2

*The values given are typical values measured on the product. These values should not be considered as specification.

REACH Statement

Polymers are exempt of REACH registration. However, their raw materials which mean monomers and relevant additives have been registered.

PJSC «Sibur Holding» (and its subsidiaries) is committed to fully respect REACH legislation and to use only REACH compliant raw materials.

Safety

See MSDS

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