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PP EP548R

POLYPROPYLENE IMPACT COPOLYMER (PP)

This resin is a high-flow polypropylene impact (block) copolymer produced by introducing an ethylene-propylene rubber phase into a semi-crystalline polypropylene homopolymer matrix, creating a heterophasic copolymer. It combines a high heat deflection temperature, good scratch resistance, and low-temperature impact resistance with a favorable stiffness-toughness balance, while its high melt flow supports short moulding cycle times and excellent processability.

Typical Application	Product Characteristics
• Injection moulding of household electrical appliances	• High melt flow for fast-cycle injection moulding • Good balance of stiffness and impact toughness • Good scratch resistance • High heat deflection temperature

Physical Properties

Properties	Test Method	Typical Value	Unit
Melt Flow Rate (230°C/2.16kg)		30	g/10 min
Tensile Stress at Yield		22	MPa
Notched Izod Impact Strength (23°C)		11	kJ/m²
Flexural Modulus		1190	MPa

1. Typical values per the producer's published family data; grade-specific certificate of analysis supplied per lot at order.
2. The nominal properties reported herein are typical of the product and do not reflect normal testing variance; they should not be used for specification purposes.