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r-TPO BR770

YUPLENE BR770 is an ultra high impact propylene copolymer designed for injection molding and compounding applications. YUPLENE BR770 has excellent properties in impact strength at low temperature and dimensional stability. YUPLENE BR770 suitable for automobile parts and high impact resistance required applications.

Application

Injection Molding / automobile parts, high impact resistance required application

Characteristics

High impact strength at low temperature, Dimensional stability

Physical Properties

	Value	Unit	Test Method
Melt Index (2.16kg, 230°C)	20.0	g/10min	ASTM D1238
Tensile Strength at Yield	160	kg/cm²	ASTM D638
Elongation at Break	>400	%	ASTM D638
Flexural Modulus	7500	kg/cm²	ASTM D790
Izod Impact Strength (Notched, 23°C)	>50 (N.B.)	kg·cm/cm	ASTM D256
Izod Impact Strength (Notched, -20°C)	10.0	kg·cm/cm	ASTM D256
Hardness (Rockwell)	50	R Scale	ASTM D785
Softening Point (Vicat)	130	°C	ASTM D1525
Heat Distortion Temperature (0.45Mpa)	65	°C	ASTM D648

* These are typical properties only, and are not to be construed as specific limits

** Processing method: Injection Molding

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