SK global chemical

Data Sheet

Date Prepared:

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

Specification

	Value	Unit	Test Method
Melt Index	20.0	g/10min	ASTM D1238
Softening Point (Vicat)	130	°C	ASTM D1525
Tensile Strength at Yield	180	kg/cm²	ASTM D638
Elongation at Break	>400	%	ASTM D638
Izod Impact Strength (Notched, 23°C)	>50 (N.B.)	kg·cm/cm	ASTM D256
Izod Impact Strength (Notched, -20°C)	12.0	kg·cm/cm	ASTM D256
Flexural Modulus	7500	kg/cm²	ASTM D790
Hardness (Rockwell)	50	R Scale	ASTM D785
Heat Distortion Temperature	80	℃	ASTM D648
Spiral Flow	>700	mm	SK Method
Accelerated Oven Aging at 150°C	360	hr	ASTM D3012

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

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