

IMPACT PP

BX3900

Description

YUPLENE BX3900 is a high crystalline propylene impact copolymer designed for injection molding applications. YUPLENE BX3900 has excellent properties in stiffness, flow, mechanical properties, heat resistance and impact strength, which make YUPLENE BX3900 suitable for auto parts, electric appliances, large size containers, thin wall and very high speed injection applications. This is not a chemical cracked grade so it is free from surface gas mark. YUPLENE BX3900 can reduce various injection problems such as surface trouble, shrink, warpage etc. and reduce the cycle time of injection molding due to rapid crystallization.

Application

Injection Molding / industrial parts for electronic, automobile applications, large container

Physical Properties

Term/Item	Value	Unit	Test Method
Melt Index	60.0	g/10min	ASTM D1238
Softening Point(Vicat)	155	°C	ASTM D1525
Tensile Strength at Yield	330	kg/cm ²	ASTM D638
Elongation at Break	<100	%	ASTM D638
IZOD Impact Strength(Notched, -20°C)	4.0	kg-cm/cm	ASTM D256
IZOD Impact Strength(Notched, 23°C)	6.5	kg-cm/cm	ASTM D256
Spiral Flow	>800	mm	SK Method
Flexural Modulus	18000	kg/cm ²	ASTM D790
Hardness(Rockwell)	105	R Scale	ASTM D785
Heat Distortion Temperature	135	°C	ASTM D648
Oven Aging Time	360	hr	ASTM D3012

Head Office

99 Seorin-dong, Jongno-gu, Seoul 110-110, Korea
Tel. 82-2-2121-5114 Fax. 82-2-2121-7001

SK Institute of
Technology

140-1 Woncheon-dong, Yuseong-gu, Taejeon, Korea
Tel. 82-42-866-7624 Fax. 82-42-866-7603

Online

SK Corporation : www.skcorp.com
Chemical Business : www.skchem.com

ISO 9001 Certified

