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YUPLENE® BX3900

抗冲击共聚聚丙烯

SK Global Chemical

Technical Data

产品说明

Y UPLENE 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 / automobile applications, industrial parts for electronic, large container

Characteristics: High Stiffness, High Impact Strength

总览

特性	• 高刚性 • 高结晶	• 高抗撞击性 • 抗冲共聚物	• 流动性高 • 耐热性，高
用途	• 电气/电子应用领域 • 电器用具	• 汽车领域的应用 • 容器	
加工方法	• 注射成型		

物理性能	额定值	单位制	测试方法
熔流率（熔体流动速率）(230°C/2.16 kg)	60	g/10 min	ASTM D1238
Spiral Flow	> 80.0	cm	内部方法
机械性能	**额定值**	**单位制**	**测试方法**
抗张强度 (屈服)	32.4	MPa	ASTM D638
伸长率 (断裂)	< 100	%	ASTM D638
弯曲模量	1860	MPa	ASTM D790
冲击性能	**额定值**	**单位制**	**测试方法**
悬壁梁缺口冲击强度			ASTM D256
-20°C	39	J/m	
23°C	64	J/m	
硬度	**额定值**	**单位制**	**测试方法**
洛氏硬度 (R 级)	105		ASTM D785
热性能	**额定值**	**单位制**	**测试方法**
维卡软化温度	155	°C	ASTM D1525
Heat Deflection Temperature	135	°C	ASTM D648
老化	**额定值**	**单位制**	**测试方法**
Oven Aging (150°C)	15.0	day	ASTM D3012