

Dynalloy™ OBC8200-BT50

Thermoplastic Elastomer

PolyOne Corporation

Message:

DYNALLOY™OBC8200-BT50 is a translucent material used for blow molding.

New Products. Commercial norms have not yet been established.

Excellent coloring

Similar to rubber

General Information			
Features	Good coloring		
	Excellent appearance		
Uses	Blow molding applications		
	Soft touch application		
	Transparent or Translucent Accessories		
Agency Ratings	BfR food contact, not rated 2		
	FDA 21 CFR 177.1210 3		
RoHS Compliance	RoHS compliance		
Appearance	Translucent		
Forms	Particle		
Processing Method	Blow molding		
	Extrusion		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.898	g/cm ³	ASTM D792
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	45		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break, 23°C)	4.72	MPa	ASTM D412
Tensile Elongation (Break, 23°C)	930	%	ASTM D412
Fill Analysis	Nominal Value	Unit	Test Method
Apparent Viscosity			ASTM D3835
200°C, 1340 sec ⁻¹	148	Pa · s	ASTM D3835
200°C, 11200 sec ⁻¹	27.0	Pa · s	ASTM D3835
Injection	Nominal Value	Unit	
Suggested Max Regrind	20	%	
Rear Temperature	166 - 188	°C	
Middle Temperature	171 - 188	°C	

Front Temperature	171 - 199	°C
Nozzle Temperature	166 - 188	°C
Processing (Melt) Temp	171 - 193	°C
Mold Temperature	160 - 188	°C
Screw Speed	50 - 100	rpm

Injection instructions

在使用此产品之前或之后,均须用熔体流动速率较低 (0.5 - 2.5 MFR) 的聚苯乙烯 (PS) 或聚丙烯 (PP) 彻底进行置换.DYNALLOY™ OBC8200-BT50 可利用高达 20% 的回收料同时其性能所受影响却极小,但该回收料必须是未受到污染的.为了最大限度地减小模塑期间其性能所受的影响,熔体温度应维持得尽可能低.回收料的有效性应由用户最终确定.DYNALLOY™ OBC8200-BT50 具有良好的熔体稳定性.最长停留时间可能会根据机筒尺寸有所变化.通常,如果机器闲置 8 - 10 分钟或以上,则应将机筒排空.不需要干燥

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