

OP - PC - Lubricated 15 PTFE

Polycarbonate
Oxford Polymers

Message:

OP - PC - Lubricated 15 PTFE is a Polycarbonate (PC) material. It is available in North America for injection molding.
Important attributes of OP - PC - Lubricated 15 PTFE are:
Good Mold Release
Lubricated
Mold Release Agent

General Information			
Additive	Mold Release		
	PTFE Lubricant (15%)		
Features	Good Mold Release		
	Lubricated		
Appearance	Colors Available		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.27	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.50 to 0.70	%	ASTM D955
Water Absorption (Saturation)	0.30	%	ASTM D570
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	50.3	MPa	ASTM D638
Tensile Elongation (Break)	4.0	%	ASTM D638
Flexural Modulus	2210	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (23°C, 3.18 mm)	140	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (1.8 MPa, Unannealed)	132	°C	ASTM D648
Injection	Nominal Value	Unit	
Drying Temperature	121	°C	
Drying Time	3.0 to 4.0	hr	
Rear Temperature	271 to 288	°C	
Middle Temperature	282 to 299	°C	
Front Temperature	293 to 310	°C	
Nozzle Temperature	293 to 310	°C	
Processing (Melt) Temp	288 to 316	°C	

Mold Temperature

82.2 to 121

°C

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

