RTP 2500 TFE 10

Polycarbonate + ABS

RTP Company

Message:

Warning: The status of this material is 'Commercial: Limited Issue'
The data for this material has not been recently verified.
Please contact RTP Company for current information prior to specifying this grade.
-Preliminary Product Data per RTP Co.-

General Information	
Additive	PTFE lubricant (10%)
Features	Lubrication
RoHS Compliance	Contact manufacturer
Appearance	Black
	Natural color

Forms	Particle
Processing Method	Injection molding

Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.20	g/cm³	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.77	%	ASTM D955

Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus	2340	MPa	ASTM D638
Tensile Strength	48.3	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Flexural Modulus	2340	MPa	ASTM D790
Flexural Strength	75.8	MPa	ASTM D790

Impact	Nominal Value	Unit	Test Method
Notched Izod Impact (3.18 mm)	570	J/m	ASTM D256
Unnotched Izod Impact (3.18 mm)	2100	J/m	ASTM D4812

Additional Information
Molding Shrinkage, ASTM D955, 0.25in: 8 mil/in

Injection	Nominal Value	Unit
Drying Temperature	98.9	°C
Drying Time	4.0	hr
Suggested Max Moisture	0.020	%
Suggested Max Regrind	20	%
Rear Temperature	232 - 288	°C
Middle Temperature	232 - 288	°C
Front Temperature	232 - 288	°C
Mold Temperature	71.1 - 98.9	°C

Injection Pressure	68.9 - 103	MPa
Back Pressure	0.345	MPa
Clamp Tonnage	6.9 - 11	kN/cm²

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

WECHAT