

RTP 1200 S-55D TFE 15

Thermoplastic Polyurethane Elastomer (Polyester)

RTP Company

Message:

PTFE Lubricated

General Information			
Additive	PTFE lubricant (15%)		
Features	Lubrication		
RoHS Compliance	Contact manufacturer		
Processing Method	Injection molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.29	g/cm ³	ASTM D792
Molding Shrinkage - Flow (3.20 mm)	0.80 - 1.2	%	ASTM D955
Moisture Content	0.010	%	
Primary Additive	15	%	
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore D)	58		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	172	MPa	ASTM D790
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	15.5	MPa	ASTM D412
Tensile Elongation (Yield)	> 400	%	ASTM D412
Tear Strength ¹	43.8	kN/m	ASTM D624
Flammability	Nominal Value		Test Method
Flame Rating (1.50 mm, ** Values per RTP Company testing.)	HB		UL 94
Injection	Nominal Value	Unit	
Drying Temperature	107	°C	
Drying Time	6.0	hr	
Dew Point	-17.8	°C	
Processing (Melt) Temp	160 - 218	°C	
Mold Temperature	37.8 - 60.0	°C	
Injection Pressure	68.9 - 103	MPa	
Injection instructions			
Desiccant Type Dryer Required.			
NOTE			
1.	C mould		

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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



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