

# RTP 2700-85A

Thermoplastic Elastomer

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			
RoHS Compliance	Contact Manufacturer		
Appearance	Black		
	Natural Color		
Forms	Pellets		
Processing Method	Injection Molding		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.998	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow (3.18 mm)	0.40	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	85		ASTM D2240
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength	7.93	MPa	ASTM D638
Tensile Elongation (Break)	10	%	ASTM D638
Injection	Nominal Value	Unit	
Drying Temperature	79.4	°C	
Drying Time	2.0	hr	
Suggested Max Moisture	0.030	%	
Suggested Max Regrind	20	%	
Rear Temperature	163 to 232	°C	
Middle Temperature	163 to 232	°C	
Front Temperature	163 to 232	°C	
Mold Temperature	15.6 to 65.6	°C	
Injection Pressure	34.5 to 103	MPa	
Back Pressure	0.345	MPa	
Clamp Tonnage	4.1 to 8.3	kN/cm <sup>2</sup>	

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Recommended distributors for this material

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