

## Clariant OMAN698583 Thermoplastic Polyurethane, Halogen Free, Flame Retardant

Category : Polymer , Thermoplastic , Polyurethane, TP , Thermoplastic Polyurethane (TPUR), Polyether Grade

### Material Notes:

Aromatic Polyether Based Data provided by Clariant Masterbatches

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Clariant-OMAN698583-Thermoplastic-Polyurethane-Halogen-Free-Flame-Retardant.php](http://www.lookpolymers.com/polymer_Clariant-OMAN698583-Thermoplastic-Polyurethane-Halogen-Free-Flame-Retardant.php)

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	88	88	ASTM D2240
Tensile Strength, Yield	21.4 MPa	3100 psi	ASTM D412
	5.17 MPa @Strain 100 %	750 psi @Strain 100 %	ASTM D412
	8.96 MPa @Strain 300 %	1300 psi @Strain 300 %	ASTM D412
Elongation at Break	620 %	620 %	ASTM D412
Tear Strength	59.6 kN/m	340 pli	Die C; ASTM D624

Thermal Properties	Metric	English	Comments
Flammability, UL94	V-0 @Thickness 3.17 mm	V-0 @Thickness 0.125 in	

Processing Properties	Metric	English	Comments
Rear Barrel Temperature	182 - 193 °C	360 - 380 °F	
Middle Barrel Temperature	188 - 193 °C	370 - 380 °F	
Front Barrel Temperature	188 - 193 °C	370 - 380 °F	
Melt Temperature	188 - 196 °C	370 - 385 °F	

## Contact Songhan Plastic Technology Co.,Ltd.

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