

## Quadrant EPP Duratron® U2100 OEI Extruded 10% Glass Reinforced Polyetherimide

Category : Polymer , Thermoplastic , Polyetherimide (PEI) , Polyetherimide (PEI), 20% Glass Fiber

Material Notes:

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Quadrant-EPP-Duratron-U2100-OEI-Extruded-10-Glass-Reinforced-Polyetherimide.php](http://www.lookpolymers.com/polymer_Quadrant-EPP-Duratron-U2100-OEI-Extruded-10-Glass-Reinforced-Polyetherimide.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792
	@Temperature 22.8 °C	@Temperature 73.0 °F	
Water Absorption	0.20 %	0.20 %	IMMERSION; 24HRS.; ASTM D570 2
Water Absorption at Saturation	1.0 %	1.0 %	ASTM D570 2

Mechanical Properties	Metric	English	Comments
Tensile Strength	131 MPa	19000 psi	ASTM D638
	@Temperature 22.8 °C	@Temperature 73.0 °F	
Elongation at Break	5.0 %	5.0 %	ASTM D638
Tensile Modulus	4.14 GPa	600 ksi	ASTM D638
	@Temperature 22.8 °C	@Temperature 73.0 °F	
Flexural Strength	176 MPa	25500 psi	ASTM D790
	@Temperature 22.8 °C	@Temperature 73.0 °F	
Compressive Strength	179 MPa	26000 psi	ASTM D695
	@Strain 10.0 %, Temperature 22.8 °C	@Strain 10.0 %, Temperature 73.0 °F	
Compressive Modulus	2.76 GPa	400 ksi	ASTM D695
	@Temperature 22.8 °C	@Temperature 73.0 °F	

Thermal Properties	Metric	English	Comments
Glass Transition Temp, Tg	210 °C	410 °F	ASTM D3418

### Contact Songhan Plastic Technology Co.,Ltd.

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