



# Technical Data Sheet

## Phoeniflex® T2200

### 80,000 Flexural Modulus Thermoplastic Polyolefin (TPO)

Date: January, 2008

#### General

Features	Excellent low temperature impact resistance Excellent chemical resistance Excellent price to performance ratio
Appearance	Off white or pigmented Pellets
Processes	Injection molding

#### Typical Compound Properties<sup>(a)</sup>

Physical	Nominal Values		Test Methods <sup>(b)</sup>
	English Units	Metric Units	
Melt Flow Rate	10.0 g/10 min.	10.0 dg/min.	ASTM D1238, 2160 g. @ 230°C
Melt Point	334 °F	168 °C	ASTM D789
Specific Gravity	0.925	0.925	ASTM D792
Linear Mold Shrinkage	0.012 in/in	0.012 mm/mm	ASTM D955
Hardness, Shore Scale	D60	D60	ASTM D2240
Brittle Point Temperature	< -40 °F	< -40 °C	ASTM D696

#### Mechanical

Tensile Strength @ Yield	2,200 psi	15.2 MPa	ASTM D638
Elongation @ Break	600%	600%	ASTM D638
Tear Strength	475 lb/in	83.2 kN/m	ASTM D638
Flexural Modulus, tangent	80,000 psi	552 MPa	ASTM D790
Gardner Impact @ -23 °F (-30 °C)	>160 in-lb	>18 joules	ASTM D3029

(a) Values shown represent nominal averages and are not to be construed as product specifications.

(b) ASTM methods are the latest under the Society's current Procedures. All Molded specimens are prepared by injection molding.

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