



## DuraPET™ 0624GF10 PCR ST-T

### Product Description

DuraPET™ is a modified PET material that demonstrates extreme high impact and wear characteristics due to glass fibers. It is a highly durable material that can withstand outdoor environmental conditions. It exhibits ductile failure as low as -20°C.

#### General

**Material Status:** Commercial: Active  
**Features:** Low Crystallinity/Extreme High Toughness  
**Uses: Processing** Multiple  
**Method:** Injection Molding, Extrusion.

### **ASTM & ISO Properties**

<b>Physical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Density	1.36	g/cc	ISO 1183
<b>Mechanical</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Tensile Strength	11000	psi	ISO 527
Elongation @ Break	8.5	%	ISO 527
<b>Impact</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Gardner Impact	80	In-lb	ASTM D5420
<b>Rheological</b>	<b>Nominal Value</b>	<b>Unit</b>	<b>Test Method</b>
Melt Flow Rate (285C, 2.16 Kg)	7	g/10 min	ASTM D1238

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