

**DuraPET™ 0624FR**

PET

polyVisions, Inc.

<b>Processing/Physical Characteristics</b>	<b>Value</b>	<b>Unit</b>	<b>Test Standard</b>
<b>ISO Data</b>			
Molding shrinkage, parallel	<b>0.6</b>	%	ISO 294-4, 2577
<b>ASTM Data</b>			
Melt Flow Index, MFI	<b>9.3</b>	g/10min	ASTM D 1238
Temperature	<b>285</b>	°C	-
Load	<b>2.16</b>	kg	-
<b>Mechanical properties</b>			
<b>ASTM Data</b>			
Tensile Modulus	<b>2166</b>	MPa	ASTM D 638
Tensile Strength	<b>49.5</b>	MPa	ASTM D 638
Elongation at Break	<b>140</b>	%	ASTM D 638
Flexural Modulus	<b>2467</b>	MPa	ASTM D 790
Gardner Impact	<b>67.8</b>	J	ASTM D 2794,4226,5420
<b>Thermal properties</b>			
<b>ASTM Data</b>			
UL 94 Flame rating	<b>V-0</b>	-	UL 94
Thickness tested	<b>1.5</b>	mm	-
<b>Other properties</b>			
Density	<b>1270</b>	kg/m <sup>3</sup>	ISO 1183

**Characteristics****Processing**

Injection Molding, Blown Film Extrusion, Other Extrusion, Thermoforming

**Special Characteristics**

Flame retardant, High impact or impact modified

**Features**

Ductile

**Chemical Resistance**

General Chemical Resistance

**Applications**

Building Construction, Medical

**Regional Availability**

North America, Europe, Asia Pacific, South and Central America, Near East/Africa