

DuraPET™ 1220

PET

polyVisions, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.6	%	ISO 294-4, 2577
ASTM Data			
Melt Flow Index, MFI	5	g/10min	ASTM D 1238
Temperature	285	°C	-
Load	2.16	kg	-
Mechanical properties			
ASTM Data			
Tensile Modulus	1801	MPa	ASTM D 638
Tensile Strength	41.5	MPa	ASTM D 638
Elongation at Break	325	%	ASTM D 638
Flexural Modulus	1980	MPa	ASTM D 790
Gardner Impact	36.2	J	ASTM D 2794,4226,5420
Other properties			
Density	1250	kg/m ³	ISO 1183

Characteristics**Processing**

Injection Molding, Blown Film Extrusion, Other Extrusion, Thermoforming

Special Characteristics

High impact or impact modified

Features

Ductile

Regional Availability

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