

IROGRAN® D 60 E 4024

TPU

Huntsman Polymers Corp.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt volume-flow rate, MVR	50	cm ³ /10min	ISO 1133
Temperature	220	°C	-
Load	21.6	kg	-
Molding shrinkage, parallel	1.1	%	ISO 294-4, 2577
ASTM Data			
Mold Shrinkage, MD	0.011	mm/mm	ASTM D 955
Mechanical properties			
ISO Data			
Compression set at 23 °C, 24h	44	%	ISO 815
Compression set at 70 °C, 24h	56	%	ISO 815
Tear strength	180	kN/m	ISO 34-1
Abrasion resistance	30	mm ³	ISO 4649
ASTM Data			
Modulus at 100% Elongation	20.3	MPa	ASTM D 412
Modulus at 300% Elongation	25.3	MPa	ASTM D 412
Shore D Hardness	60	-	ASTM D 2240
Tear Strength	219	kN/m	ASTM D 624
Compression Set , 22 hr @ 158 °F	56	%	ASTM D 395
Tensile Strength	40	MPa	ASTM D 412
Elongation at Break	610	%	ASTM D 412
Other properties			
Density	1240	kg/m ³	ISO 1183
Density	1240	kg/m ³	ASTM D 792

Characteristics**Processing**

Injection Molding

Regional Availability

North America, Europe, Asia Pacific, South and Central America