

Manufacturer: TORAY INDUSTRIES



TOYOLAC™ 920 555 U Transparent Grade

FEATURE

- High Rigidity

APPLICATION

- E&E Products, Household and Office
- Appliances, Toys

PROPERTY	TEST METHOD	TEST CONDITION	UNITS	TOYOLAC™ 920 555 U
Physical Properties				
Density	ISO 1183	23 °C	kg/m ³	1090
Melt Flow Rate	ISO 1133	220 °C / 10 kg	g/10 min	21
Mold Shrinkage	ASTM D955	23 °C / 50% RH	%	0.4 – 0.6
Glass Content	–	–	–	–
Mechanical Properties				
Charpy Impact Strength, Notched	ISO 179/1eA	23 °C / 50% RH	kJ/m ²	9
Tensile Strength	ISO 527	50 mm / min	MPa	54
Tensile Elongation at Break	ISO 527	50 mm / min	%	17
Tensile Modulus	ISO 527	1 mm / min	MPa	2500
Flexural Strength	ISO 178	2 mm / min	MPa	77
Flexural Modulus	ISO 178	2 mm / min	MPa	2260
Thermal Properties				
Deflection Temperature Under Load	ISO 75	1.8 MPa / 120 °C/hr	°C	77
Appearance				
Glossiness	–	–	–	–
Light Transmittance	ASTM D1003	3 mmt	%	88
Haze	ASTM D1003	3 mmt	%	2
Flammability				
Flammability	UL 94	–	–	HB

EGYPTIAN SAUDI COMPANY FOR PLASTIC

Address: office 307-mall el marwa- ordonyia area-10th of ramadan city-sharqia -Egypt

C.R: 122055

Mobile : 01068993789

Email: info@dagplast.com