

TOYOLAC® 550R-T25

ABS-(GF+MD)25

Toray Industries, Inc.

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Melt flow index, MFI	29	g/10min	ISO 1133
Temperature	240	°C	-
Load	10	kg	-

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Strength	80	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	6200	MPa	ISO 178
Charpy notched impact strength, +23°C	5	kJ/m ²	ISO 179/1eA
ASTM Data			
Tensile Strength	86	MPa	ASTM D 638
Elongation at Break	3	%	ASTM D 638
Flexural Modulus	6700	MPa	ASTM D 790
Izod Impact notched, 1/8 in	57	J/m	ASTM D 256

Thermal properties	Value	Unit	Test Standard
ISO Data			
Temp. of deflection under load, 1.80 MPa	104	°C	ISO 75-1/-2
ASTM Data			
UL 94 Flame rating	HB	-	UL 94
DTUL @ 264 psi	103	°C	ASTM D 648

Other properties	Value	Unit	Test Standard
Density	1230	kg/m ³	ISO 1183
Density	1230	kg/m ³	ASTM D 792

Characteristics**Delivery form**

Pellets

Features

Low Warpage

Regional Availability

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