

TECHNICAL DATA SHEET

TOYOLAC® 100G-30

Toray Industries, Inc.
ABS-GF30

Delivery Form

Pellets

Product Text

Product Information

This material is also produced by Toray Plastics (Malaysia).

Processing/Physical Characteristics	Value	Unit	Standard
Melt flow index, MFI	13	g/10min	ISO 1133
Temperature	240	°C	
Load	10	kg	
Mechanical Properties	Value	Unit	Standard
Tensile strength	109	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	8950	MPa	ISO 178
Charpy notched impact strength, +23°C	7	kJ/m ²	ISO 179/1eA
Rockwell hardness	R 125		ISO 2039-2
Tensile strength	118	MPa	ASTM D 638
Elongation at break	3	%	ASTM D 638
Flexural modulus	8500	MPa	ASTM D 790
Rockwell hardness	R 125		ASTM D 785
Thermal Properties	Value	Unit	Standard
Temp. of deflection under load, 1.80 MPa	105	°C	ISO 75-1/-2
UL 94 flame rating	HB		UL 94
DTUL @ 264 psi	104	°C	ASTM D 648
Other Properties	Value	Unit	Standard
Density	1260	kg/m ³	ISO 1183
Density	1260	kg/m ³	ASTM D 792