

Polytron® P40B11

PP-GLF40

Polyram

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.1	%	ISO 294-4, 2577
Molding shrinkage, normal	0.3	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	10000	MPa	ISO 527
Tensile Strength	125	MPa	ISO 527
Strain at break	2	%	ISO 527
Flexural modulus, 23°C	9000	MPa	ISO 178
Flexural strength	190	MPa	ISO 178
Charpy impact strength, +23°C	55	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	20	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	168	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	157	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	158	°C	ISO 75-1/-2
Burning behav. at thickness h	HB	class	IEC 60695-11-10
Thickness tested	3.0	mm	-
Other properties			
Density	1220	kg/m ³	ISO 1183

Characteristics**Delivery form**

Pellets, Black

Features

Chemically Coupled Reinforcement, Long fiber reinforced

Certifications

RoHS compliant

Applications

Automotive

Regional Availability

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