

DOMOLEN PPCG20 BK

PP-GF20

DOMO Engineering Plastics

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3	%	ISO 294-4, 2577
Molding shrinkage, normal	0.7	%	ISO 294-4, 2577

Mechanical properties	Value	Unit	Test Standard
ISO Data			
Tensile Modulus	3600	MPa	ISO 527
Stress at break	45	MPa	ISO 527
Strain at break	3.2	%	ISO 527
Charpy impact strength, +23°C	20	kJ/m ²	ISO 179/1eU
Charpy impact strength, -30°C	23	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	7.2	kJ/m ²	ISO 179/1eA
Charpy notched impact strength, -30°C	5.2	kJ/m ²	ISO 179/1eA

Thermal properties	Value	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	167	°C	ISO 11357-1/-3
Temp. of deflection under load, 1.80 MPa	133	°C	ISO 75-1/-2
Temp. of deflection under load, 0.45 MPa	158	°C	ISO 75-1/-2
Vicat softening temperature, B	81	°C	ISO 306
Burning behav. at 1.5 mm nom. thickn.	HB	class	IEC 60695-11-10
Thickness tested	1.5	mm	-

Other properties	Value	Unit	Test Standard
Density	1030	kg/m ³	ISO 1183

Characteristics**Delivery form**

Black

Regional Availability

North America, Europe, Asia Pacific

Features

Copolymer