

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577
Mechanical properties			
ISO Data			
Tensile Modulus	16900 / 11500	MPa	ISO 527
Tensile Strength	235 / 160	MPa	ISO 527
Strain at break	2.7 / 4.5	%	ISO 527
Charpy impact strength, +23°C	90 / 85	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	13 / 18	kJ/m ²	ISO 179/1eA
Thermal properties			
ISO Data			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3
Other properties			
dry / cond			
Water absorption	3.8 / *	%	Sim. to ISO 62
Humidity absorption	1.4 / *	%	Sim. to ISO 62
Density	1570 / -	kg/m ³	ISO 1183
Processing Recommendation Injection Molding			
Value			
Processing humidity	≤0.1	%	-
Melt temperature	280 - 310	°C	-
Mold temperature	80 - 140	°C	-
Back pressure	2 - 8	MPa	-

Characteristics

Processing

Injection Molding

Delivery form

Pellets, Black

Special Characteristics

Heat stabilized or stable to heat

Features

Low Odor

Certifications

Food contact, Drinking water contact, Drinking water contact KTW, Drinking water contact DVGW W270

Regional Availability

Europe