

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.3 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	20500 / 14200	MPa	ISO 527
Tensile Strength	240 / 165	MPa	ISO 527
Strain at break	2.6 / 4	%	ISO 527
Charpy impact strength, +23°C	85 / 80	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	14 / 18	kJ/m ²	ISO 179/1eA

Thermal properties	dry / cond	Unit	Test Standard
ISO Data			
Melting temperature, 10°C/min	260 / *	°C	ISO 11357-1/-3

Other properties	dry / cond	Unit	Test Standard
Water absorption	3.1 / *	%	Sim. to ISO 62
Humidity absorption	1.1 / *	%	Sim. to ISO 62
Density	1690 / -	kg/m ³	ISO 1183

Processing Recommendation Injection Molding	Value	Unit	Test Standard
Processing humidity	≤0.1	%	-
Melt temperature	280 - 310	°C	-
Mold temperature	80 - 140	°C	-
Back pressure	2 - 8	MPa	-

Characteristics

Processing

Injection Molding

Features

Low Odor

Delivery form

Pellets, Black

Certifications

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

Special Characteristics

Heat stabilized or stable to heat

Regional Availability

Europe