

Processing/Physical Characteristics	dry / cond	Unit	Test Standard
ISO Data			
Molding shrinkage, parallel	0.5 / *	%	ISO 294-4, 2577

Mechanical properties	dry / cond	Unit	Test Standard
ISO Data			
Tensile Modulus	10500 / 7000	MPa	ISO 527
Tensile Strength	190 / 120	MPa	ISO 527
Strain at break	3 / 5.5	%	ISO 527
Charpy impact strength, +23°C	70 / 70	kJ/m ²	ISO 179/1eU
Charpy notched impact strength, +23°C	10 / 12	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	5.2 / *	%	Sim. to ISO 62
Humidity absorption	2 / *	%	Sim. to ISO 62
Density	1360 / -	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