

TECHNICAL DATA SHEET

Material

PA12 NATURAL

PRODUCT DESCRIPTION

Polyamide 12 (PA12) natural grade. The values below are provided as measured laboratory results under the stated test conditions.

MEASURED PROPERTIES

Property	Conditions	Method	Units	Value
Density	23°C	ISO 1183 - ASTM D792	kg/m ³	1014
Ash content	750°C / 1 h	ISO 3451/1 - D5630-B	%	0.2
Melt Flow Index, MFI (235°C / 2.16 kg)		ASTM D1238 - ISO 1133	g/10 min	16
Melt Flow Index, MFI (235°C / 5 kg)		ASTM D1238 - ISO 1133	g/10 min	45
Tensile elongation at break	23°C	ASTM D638 - ISO 527-1/-2	%	151
Maximum tensile load	23°C	ASTM D638 - ISO 527-2	MPa	38
Izod impact strength, notched	23°C	ASTM D256 A - ISO 180/4A	J/m	85
Melting temperature	10°C/min	DIN 51005	°C	179.7

NOTES

The reported data are typical measured values and do not constitute a specification or a contractual guarantee. Users should verify suitability for the intended processing method and final application.