Technical information

TEREZ® SAN 2012

SAN with excellent flowability.

TER Plastics POLYMER GROUP

TER® GROUP

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TECHNICAL DATA SHEET

Product text

Scratch resistance long article.

Properties	Value	Unit	Test method
Density	1,0700	g/cm³	ISO 1183
Melt flow index (MFI)	35,00	g/10 min	ISO 1133
MFI Temperature	220	°C	ISO 1133
MFI Load	10,00	kg	ISO 1133
Impact strength Charpy 23°C, dry	20	kJ/m²	ISO 179
Tensile stress at yield	66	MPa	ISO 527
Flexural strength, dry	101	MPa	ISO 178
Tensile-modulus, dry	3600	MPa	ISO 527
HDT 1,80 MPa	98	°C	ISO 75
Vicat B/50	105	°C	ISO 306
Burning Behav. at thickness h	HB	class	UL 94
Thickness tested	1,6	mm	UL 94
UL recognition	-		UL 94

PROCESSING DATA SHEET

Processing guidelines for injection molding of TEREZ SAN 2012

The processing data sheet provides guidelines about processing as well as pre-drying.

MATERIAL PREPARATION

Storage

Store in a dry place protected from direct sunlight. Avoid all sources of ignition like extreme heat, sparks, or open flame.

Drying

For the manufacturing of mechanically and optically optimal injection molding parts, we recommend following pre-drying conditions according to the table below. If the container is open (wet granules), the drying time can be extended accordingly.

Dry air dryer

Temperature	80°C
Time	4 hours
Due point	-40°C

Residual moisture

<= 0.1% (recommended)

MACHINE REQUIREMENTS

PROCESSING

Basic settings

Temperatures

Processing temperatures

Hopper	60 - 80°C
Center	220 - 250°C
Nozzle	240 - 260°C

Mold temperature

Temp.	40 - 80°C

You should try to keep the residence time short, especially at high temperatures to avoid material degradation.

Instructions for cleaning

The aggregate can be cleaned by using low MFI polypropylene. You can also use standard cleaning granulate.