

TERRAPRENE® SI 501 50A nat

Material: SEBS-Compound based on hydrated Styrene-Block-Copolymers and biobased polymers, containing mineral fillers

Application: General Injection Molding

Features: Good mechanical properties, good flow properties. The biobased carbon content (BCC) is 13 % (calculated).

Characteristics	Standard	Condition	Unit	Specification
Mechanical Properties				
Tensile Strength	DIN 53504		MPa	2,90
Elongation at Break	DIN 53504		%	334
Compression Set	ISO 815	22h/70°C	%	-
Thermal Properties				
Brittleness Temperature	ASTM D 746		°C	- 60
Other Properties				
Density	ISO 1183	23°C	g/cm ³	0,96
Shore-Hardness	ISO 868	3 sec	Shore A	50
Identification Marking	ISO 1043	-	-	>SEBS<
Processing Temperature				
Cylinder Temperature	160 - 200°C			
Mass Temperature	180 - 190°C			
Mould Temperature	25 - 40°C	(injection molding)		
Drying conditions	2 - 4h	at 60°C		

The properties listed are non-binding average values, which were determined based on standard test. They relate to natural material. Colored products might give differing results. The product descriptions are not to be understood as guaranteed. Each user has to assess the product under its own responsibility for the intended purpose.

Standard packaging is 20kg bag and 1000kg Octabin. Other packaging are possible.

Version: 16.08.2018