

SKYi Treei SN 2006

Provisional Data Sheet: Nylon 6 Specialized grade

Description:

SKYi Treei SN 2006 is a special Nylon 6 grade with MOS2 additive, for injection moulding.

SKYi Treei SN 2006 is available both in black and natural.

Applications:

SKYi Treei SN 2006 is intended for injection moulding of technical applications.

The excellent properties of **SKYi Treei SN 2006** make it suitable for: Electrical components, automotive parts, interior, exterior and under the bonnet, structural furniture parts, load bearing, demanding components for various engineering sectors.

SKYi Treei SN 2006 can, in many of these applications, substitute other engineering plastics or metal alloys.

Product Characteristics

SR. NO.	PROPERTIES	TEST METHOD	UNITS	VALUES
A	PHYSICAL			
1	Specific gravity		g/cc	1.14
B	MECHANICAL			
1	Tensile strength at break	ISO 527-I	MPa	75
2	Elongation at Break	ISO 527-I	%	30
3	Flexural Strength	ISO 178	MPa	85
4	Flexural Modulus	ISO 178	MPa	2500
5	Charpy Impact Test- Notched	ISO 179-I	kJ/m ²	7
C	THERMAL			
1	HDT (At 0.45MPa)	ISO 75-I	°C	200

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Storage and Handling:

SKYi Treei SN 2006 should be stored in dry conditions at temperatures below 50°C. Improper storage can initiate degradation with resulting odour generation and colour changes.

Safety:

SKYi Treei SN 2006 is not classified as a dangerous preparation. Dust and fines from the product may give a risk for dust explosion. All equipment should be properly earthed. Inhalation of dust may irritate the respiratory system and should be avoided. During processing of the product small amounts of fumes are generated, which require proper ventilation.

Recycling:

The product is suitable for recycling using modern methods of shredding and cleaning. In-house production waste should be kept clean to facilitate direct recycling. The Materials Safety Data Sheet is available on request. Please contact your SKYi representative for more details on various aspects of safety, recovery and disposal of the product.

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