Technical Data Sheet

ICORENE 4014 MX NATURAL

Product Description

ICORENE 4014 MX NATURAL is a Polypropylene Medium Impact Copolymer specifically developed for rotational molding.

Status	Commercial: Active
Availability	Latin America
Processing Method	Rotomolding
Attribute	Excellent Processability; Good Flow; Good Processability; Good UV Resistance; Heat Stabilized; High Stiffness
Appearance	Natural Color

Typical Properties	Nominal Value	Units	Test Method
Physical			
Melt Flow Rate, (230 °C/2.16 kg)	20	g/10 min	ASTM D1238
Density	0.900	g/cm³	ASTM D1505
Mechanical			
Flexural Modulus, (1% Secant)	1200	MPa	ASTM D790
Tensile Strength at Yield	25	MPa	ASTM D638
Impact			
Charpy Impact Strength - Notched, (23 °C, Type 1, Notch A)	92	J/m	ASTM D256
Thermal			
Deflection Temperature Under Load, (66 psi, Unannealed)	105	°C	ASTM D648

Manufacturer website: https://www.lyondellbasell.com/en/

For regulatory compliance information, see ICORENE 4014 MX NATURAL Product Stewardship Bulletin (PSB) and Safety Data Sheet (SDS).

These are typical property values not to be construed as specification limits.

Specific recommendations for resin type and processing conditions can only be made when the end use, required properties and fabrication equipment are known.

Material handling, shelf life & storage

For good processing, we recommend our Product should be stored for no more than 12 months in dry conditions at temperatures below 50°C and protected from UV-light. Improper storage may bring damage to the packaging and product and can negatively affects on the quality of this product and reduce shef life considerably.

Packaging

This materials can be packaged in polyethylene bags, gaylord (big boxes) or supersacs, for more detail about your product packaging contains please contact your LYB Account Manager.

Recycling note

This product is based in a thermoplastic resin that is suitable for mechanical recycling, partially or completely. Please, consider the whole construction of the final product using our grade and determine the suitable disposition for recollection, separation and recycling process. The packaging of Lyondellbasell´s products (plastic bags, cardboard boxes and stretch film) are also suitable for mechanical recycling. Any further information needed, contact the ADTS team from Lyondellbasell.

Company Information

For further information regarding the LyondellBasell company, please visit http://www.lyb.com/.

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