

ICORENE[®] 3560

- Good processability
- Natural/coloured powder
- UV stabilised
- General purposes, containers, small tanks...

ICORENE[®] 3560 is a linear low density polyethylene specifically developed for rotational moulding.

ICORENE[®] 3560 is suitable for use in general purpose applications. It has a good balance of properties such as toughness, easy flow and stiffness.

Characteristics			
Properties ⁽¹⁾	Method	Unit	Typical values
Density	ASTM D 1505	g/cm ³	0.935
Melt Flow Index, 190°C and 2.16 kg	ASTM D 1238	g/10min	5
Tensile strength at yield	ASTM D 638	MPa	17
Flexural modulus	ASTM D 790	MPa	650
Hardness, Shore D	ASTM D 2240	Shore D	55
Dart impact strength at -20°C	ICO R&D test ⁽²⁾	J/mm	17
ESCR @ 50°C, IGEPAL 10%	ASTM D 1693	Hrs	44

(1)The values indicated in the table describe typical properties of the natural resin without additives. The values were obtained by averaging a number of test results and small divergences from the quoted figure may occur. They do not constitute specification limits.

(2)ICO Polymers test method R&D 4.140 at -20°C based on ISO 6603.

Compliance with regulations

Product stewardship certificates giving the conformity to various regulations or statements on absence of certain chemicals are available on request.

Contact your local sales representative to obtain specific information and individual certificates regarding compliance to regulations.

Handling and storage

The ICORENE products should be stored in dry, well ventilated areas at ambient temperature in its original packaging. It is recommended to avoid prolonged storage under extreme temperatures and direct UV-light radiation. Please refer to the Safety Data Sheets for further information.

ICO Polymers does not endorse or claim suitability of their products for specific medical, healthcare or pharmaceutical applications. It is the responsibility of the processor, moulder or converter, OEM, or final product manufacturer to determine that the ICO Polymers product is lawful, in full compliance of the appropriate safety and regulatory requirements and technically suitable for the intended use. ICO Polymers makes no warranties, express or implied, concerning the suitability of any of its products for use in medical, pharmaceutical or healthcare applications.

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