

# PE Foam for Rotational Molding

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Tanks
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Automotive & Machinery
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Construction Equipment
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Ice box & Containers
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Furniture & Playground
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Marine & Leisure

PE foam for Rotomolding			
Properties	Test Method	Unit	Plastmate LL321RYP
Physical Properties			
Melt flow rate (190 °C, 2.16 Kg)**	ASTM D1238	g/10 min	3.2
Expansion Ratio	In-house Method	Time	4

\*\* This value based on natural resin

## PCR Rotational Molding Construction

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Furniture & Playground
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Marine & Leisure

InnoEco: PCR Rotational Molding			
Properties	Test Method	Unit	InnoEco H040NU-05 Color
Physical Properties			
Melt Flow Rate (2.16 kg/190 °C)	ISO 1133	g/10 min	4.2
Density	ISO 1183	g/cm3	0.944
Vicat Softening Temperature	ASTM D1525	°C	116
Mechanical Properties (Compression Specimens)			
Tensile Strength at Yield (50 mm/min)	ISO 527	MPa	20
Tensile Strength at Break	ISO 527	MPa	25
Elongation at break	ISO 527	%	1,100
Flexural Modulus (1.3 mm/min)	ISO 178	MPa	710
ESCR, F50 (Condition A, 100% Igepal)	ASTM D1693	hrs	24
ESCR, F50 (Condition A, 10% Igepal)	ASTM D1693	hrs	5
Izod Impact Strength	ASTM D256	kg.cm/cm	7

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since this information may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. All above values are typical values, not to be construed as specification.

