

Technical Data Sheet

# Icorene K 4140

Crosslinked Polyethylene  
LyondellBasell Industries  
Rotomolding

General			
Additive	<ul style="list-style-type: none"> <li>• UV Stabilizer</li> </ul>		
Features	<ul style="list-style-type: none"> <li>• Abrasion Resistant</li> <li>• Copolymer</li> <li>• Crosslinkable</li> </ul>	<ul style="list-style-type: none"> <li>• Good Impact Resistance</li> <li>• High Rigidity</li> <li>• Octene Comonomer</li> </ul>	<ul style="list-style-type: none"> <li>• UV Resistant</li> </ul>
Appearance	<ul style="list-style-type: none"> <li>• Natural Color</li> </ul>		
Forms	<ul style="list-style-type: none"> <li>• Powder</li> </ul>		
Processing Method	<ul style="list-style-type: none"> <li>• Rotational Molding</li> </ul>		

Physical	Nominal Value (English)	Nominal Value (SI)	Test Method
Density	0.941 g/cm <sup>3</sup>	0.941 g/cm <sup>3</sup>	ASTM D1505
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>1</sup> (Yield)	2970 psi	20.5 MPa	ASTM D638
Tensile Elongation <sup>1</sup> (Break)	950 %	950 %	ASTM D638
Flexural Modulus <sup>2</sup>	110000 psi	760 MPa	ASTM D790
Aging	Nominal Value (English)	Nominal Value (SI)	Test Method
Accelerated Aging	5.5 month	5.5 month	ASTM G26

Notes

<sup>1</sup> 2.0 in/min (50 mm/min)

<sup>2</sup> 0.051 in/min (1.3 mm/min)

Notes

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