

Technical Data Sheet

# Icorene 3660

Polyethylene Copolymer  
LyondellBasell Industries  
Rotomolding

General			
Additive	<ul style="list-style-type: none"> <li>• UV Stabilizer</li> </ul>		
Features	<ul style="list-style-type: none"> <li>• Copolymer</li> <li>• Food Contact Acceptable</li> <li>• Good Mold Release</li> </ul>	<ul style="list-style-type: none"> <li>• Good Processability</li> <li>• Good Stiffness</li> <li>• Octene Comonomer</li> </ul>	<ul style="list-style-type: none"> <li>• UV Resistant</li> </ul>
Agency Ratings	<ul style="list-style-type: none"> <li>• FDA 21 CFR 177.1520</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	0.936 g/cm <sup>3</sup>	0.936 g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°c/2.16 Kg)	6.0 g/10 min	6.0 g/10 min	ASTM D1238
Mechanical	Nominal Value (English)	Nominal Value (SI)	Test Method
Tensile Strength <sup>1</sup> (Yield)	2510 psi	17.3 MPa	ASTM D638
Tensile Elongation <sup>1</sup> (Break)	510 %	510 %	ASTM D638
Flexural Modulus <sup>2</sup>	79800 psi	550 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.