

# ICORENE® 7620 Fuel Lock

Polyamide 6

ICO Polymers EMEA, A Division of A. Schulman

## Message:

ICORENE® 7620 Fuel Lock is a high impact Polyamide 6 specifically developed for the rotational moulding of fuel tanks.

This grade has been developed in collaboration with DSM.

Once moulded the ICORENE® 7620 Fuel Lock has higher resistance through fuel evaporation.

Thus, monolayer tanks of this grade with thin wall thickness can easily pass the permeation requirements of the Environmental Protection Agency (EPA, USA) for CE10.

General Information			
Features	Fuel Resistant		
	Gas Barrier		
	High Heat Resistance		
Uses	Fuel Tanks		
Appearance	Black		
	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	1.05	g/cm <sup>3</sup>	ASTM D1505
Mechanical	Nominal Value	Unit	Test Method
Flexural Modulus	1800	MPa	ISO 178/A
Impact	Nominal Value	Unit	Test Method
Drop Impact Resistance <sup>1</sup> (0°C)	> 250	J/cm	ISO 6603-2
Thermal	Nominal Value	Unit	Test Method
Heat Deflection Temperature (0.45 MPa, Unannealed)	75.0	°C	ISO 75-2/B
Melting Temperature	220	°C	ISO 3146
NOTE			
1.	condition 1 hours in water at 70°C for a part of 3mm thickness		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: [sales@su-jiao.com](mailto:sales@su-jiao.com)

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

