

# ICORENE® 4140

## Polyethylene Copolymer

ICO Polymers SA, A Division of A. Schulman

Message:

ICORENE® 4140 is a Polyethylene Copolymer (PE Copolymer) product. It can be processed by rotational molding and is available in Latin America. Typical application: Food Contact Applications.

Characteristics include:

Copolymer

Food Contact Acceptable

## Good Processability

Good UV Resistance

### Impact Resistant

General Information			
Additive	UV Stabilizer		
Features	Copolymer		
	Food Contact Acceptable		
	Good Impact Resistance		
	Good Processability		
	Good UV Resistance		
	High Rigidity		
	Octene Comonomer		
Agency Ratings	FDA 21 CFR 177.1520		
Appearance	Natural Color		
Forms	Powder		
Processing Method	Rotational Molding		
Physical	Nominal Value	Unit	Test Method
Density	0.941	g/cm <sup>3</sup>	ASTM D1505
Melt Mass-Flow Rate (MFR) (190°C/2.16 kg)	4.0	g/10 min	ASTM D1238
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength <sup>1</sup> (Yield)	20.5	MPa	ASTM D638
Tensile Elongation <sup>2</sup> (Break)	950	%	ASTM D638
Flexural Modulus <sup>3</sup>	760	MPa	ASTM D790
Aging	Nominal Value	Unit	Test Method
Accelerated Aging	5.5	month	ASTM G26
NOTE			
1.	50 mm/min		
2.	50 mm/min		
3.	1.3 mm/min		

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#### Recommended distributors for this material

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