

# ARCEL® 730 (3.00 pcf)

Polystyrene + PE

NOVA Chemicals

## Message:

ARCEL® 730 (3.00 pcf) is a Polystyrene + PE (PS+PE) material. It is available in North America for foam processing.  
Typical application of ARCEL® 730 (3.00 pcf): Foam

General Information			
Features	Expandable		
Uses	Foam		
Appearance	Natural Color		
	White		
Forms	Spheres		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	Test Method
Density	0.0481	g/cm <sup>3</sup>	ASTM D3575
Particle Size - 98%	0.800 to 1.70	mm	
VOC Content			
Pentane	11	%	
Plasticizer	0.30	%	
Flexural Strain	9.4	%	ASTM C203
Tear Strength - at Maximum Load	3.9	kN/m	ASTM D3575
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	0.645	MPa	ASTM D3575
Flexural Strength			ASTM C203
--	0.656	MPa	
5.0% Strain	0.600	MPa	
Compressive Strength			ASTM D3575
10% Strain	0.299	MPa	
25% Strain	0.341	MPa	
50% Strain	0.418	MPa	
75% Strain	0.811	MPa	

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Recommended distributors for this material

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