

ARCEL® 730 (1.25 pcf)

Polystyrene + PE

NOVA Chemicals

Message:

ARCEL® 730 (1.25 pcf) is a Polystyrene + PE (PS+PE) material. It is available in North America for foam processing.
Typical application of ARCEL® 730 (1.25 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	0.0200	g/cm ³	ASTM D3575
Particle Size - 98%	0.800 to 1.70	mm	
VOC Content			
Pentane	11	%	
Plasticizer	0.30	%	
Flexural Strain	13	%	ASTM C203
Puncture	141	N	ASTM D3763
Tear Strength - at Maximum Load	1.5	kN/m	ASTM D3575
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	0.287	MPa	ASTM D3575
Flexural Strength			ASTM C203
--	0.228	MPa	
5.0% Strain	0.178	MPa	
Compressive Strength			ASTM D3575
10% Strain	0.0876	MPa	
25% Strain	0.112	MPa	
50% Strain	0.161	MPa	
75% Strain	0.388	MPa	

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Recommended distributors for this material

Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

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

