

# ARCEL® LD (1.25 pcf)

Polystyrene + PE  
NOVA Chemicals

Message:

ARCEL® LD (1.25 pcf) is a Polystyrene + PE (PS+PE) material. It is available in North America for foam processing.

General Information			
Appearance	Natural Color		
	White		
Forms	Spheres		
Processing Method	Foam Processing		
Physical	Nominal Value	Unit	Test Method
Density	0.0200	g/cm³	ASTM D3575
Particle Size - 98%	0.900 to 2.00	mm	
VOC Content			
Pentane	7.5	%	
Plasticizer	0.30	%	
Flexural Strain	11	%	ASTM C203
Puncture	168	N	ASTM D3763
Tear Strength - at Maximum Load	1.5	kN/m	ASTM D3575
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	0.288	MPa	ASTM D3575
Flexural Strength			ASTM C203
--	0.273	MPa	
5.0% Strain	0.241	MPa	
Compressive Strength			ASTM D3575
10% Strain	0.114	MPa	
25% Strain	0.132	MPa	
50% Strain	0.191	MPa	
75% Strain	0.412	MPa	
Flammability	Nominal Value	Unit	Test Method
Burning Rate	130	mm/min	FMVSS 302

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Recommended distributors for this material

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