

ARCEL® LD (2.00 pcf)

Polystyrene + PE
NOVA Chemicals

Message:

ARCEL® LD (2.00 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	0.0320	g/cm ³	ASTM D3575
Particle Size - 98%	0.900 to 2.00	mm	
VOC Content			
Pentane	7.5	%	
Plasticizer	0.30	%	
Flexural Strain	9.9	%	ASTM C203
Puncture	266	N	ASTM D3763
Tear Strength - at Maximum Load	2.5	kN/m	ASTM D3575
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	0.478	MPa	ASTM D3575
Flexural Strength			ASTM C203
--	0.499	MPa	
5.0% Strain	0.459	MPa	
Compressive Strength			ASTM D3575
10% Strain	0.206	MPa	
25% Strain	0.238	MPa	
50% Strain	0.308	MPa	
75% Strain	0.645	MPa	
Flammability	Nominal Value	Unit	Test Method
Burning Rate	85	mm/min	FMVSS 302

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Recommended distributors for this material

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