

ARCEL® LD (2.50 pcf)

Polystyrene + PE
NOVA Chemicals

Message:

ARCEL® LD (2.50 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	0.0400	g/cm ³	ASTM D3575
Particle Size - 98%	0.900 to 2.00	mm	
VOC Content			
Pentane	7.5	%	
Plasticizer	0.30	%	
Flexural Strain	9.2	%	ASTM C203
Puncture	344	N	ASTM D3763
Tear Strength - at Maximum Load	3.2	kN/m	ASTM D3575
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Break)	0.576	MPa	ASTM D3575
Flexural Strength			ASTM C203
--	0.628	MPa	
5.0% Strain	0.586	MPa	
Compressive Strength			ASTM D3575
10% Strain	0.268	MPa	
25% Strain	0.309	MPa	
50% Strain	0.385	MPa	
75% Strain	0.801	MPa	
Flammability	Nominal Value	Unit	Test Method
Burning Rate	70	mm/min	FMVSS 302

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection.All rights belong to the original authors. If any infringement occurs, please contact us immediately.

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

