

Flame Retardant Clear PVC Sheeting Datasheet

Product Code: RC0369

Product Description

Our flame-retardant clear PVC sheeting combines excellent resistance against oil, grease and fuel deterioration in a highly flexible and durable format. It's an ideal material for use as protective screens or draught curtains along with all other clear PVC applications. Available in a variety of thicknesses to suit your specific requirements.

Technical Specification



Property	Test Method	Value
Flame Retardant Specification	DIN 53382/DIN4102/B2	-
Compound	-	PVC
Density	DIN 53479/A	1.25g/cc ± 0.05
Tear Strength (Crosswise)	ISO 6383-1:1983	46.5N/mm
Tear Strength (Lengthways)	ISO 6383-1:1983	38.5N/mm
Tensile Strength (Crosswise)	ISO527-1:2012 & ISO 527-3:1995/COR. 2:2001	20.1 MPa
Tensile Strength (Lengthways)	ISO527-1:2012 & ISO 527-3:1995/COR. 2:2001	21.2 MPa
Elongation at Break (Crosswise)	ISO527-1:2012 & ISO 527-3:1995/COR. 2:2001	292%
Elongation at Break (Lengthways)	ISO527-1:2012 & ISO 527-3:1995/COR. 2:2001	275%
Flammability	DIN 53382/DIN4102/B2	Normally flammable B2
Edge Fire Behaviour	DIN 53382/2/DIN4102/B2	Self-extinguishing
Fire Behaviour	DIN 53382/2/DIN4102/B2	Doesn't continue to burn or smoulder



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

Test Methods

Tests are conducted in DIN4102-1 Clause 6.2 Class B2 materials according to the application.

Sample Details

Material : PVC
Colour: Transparent
Thickness: 2mm

Test Conditions

	Temperature	Relative Humidity	Duration
Precondition	23°C ± 2	(50 ± 6)%	8 days

Test Requirements

Class B2: This test shall be deemed passed if for any of the five specimens tested flaming does not reach the gauge mark within 20 seconds after flame application, either with bottom edge ignition or surface ignition.

Test Results

The test result was obtained using the specified test condition and not necessarily represent the behaviour of the test material under other conditions of test or use.

DIN4102-1B2 Test Result

Parameter	Result									
	Bottom Edge Ignition				Surface Ignition					
	1	2	3	4	5	6	7	8	9	10
Specimen Ignition (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
Ignition Ceased Time	-	-	-	-	-	-	-	-	-	-
If Flame Tip Reached 150mm Line/40, 190mm Line	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO
Ignition Time To Reach 150mm Line/40, 190mm Line	-	-	-	-	-	-	-	-	-	-
Filter Paper Ignition	NO	NO	NO	NO	NO	NO	NO	NO	NO	NO

Remark: *- The specimen was ignited but self-extinguished after removed from the burner.



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