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FICHA TÉCNICA

LOW TEMPERATURE PVC CURTAIN
(CORTINA TEMPERATURA BAJA CON HILO)
(-40°C a 50°C)



MODEL: CH8-90M-TBH

L005600

No.	Test item	Test method	Test condition	Result
1	Relative density	ASTM D792-08 Method B	Absolute alcohol, 23±0.5°C	1.178
2	Shore hardness	With reference to ASTM D2240-05	Thickness: 5.82mm (3 layers plied up)	A/76/1(see note 1)
3	Brittleness temperature	ASTM D1790-08 and client's requirement	Temperature: -45°C Number of tested: 10 Thickness: 1.89mm	Number of failures: 0
4	Water absorption	ASTM D570- 98(2005)	Drying condition: 50±3°C, 24h Immersion condition: 23±1°C, 24h Specimen: 76.2×25.4×1.88mm	0.09%
5	Tensile strength	ASTM D882-09	Width: 25mm Thickness: 1.86mm Testing speed: 500mm/min Grip separation: 50mm	11.8MPa
6	Tensile force			556.1N
7	Tear resistance	With reference to ASTM D1938-08	Thickness: 1.84mm Testing speed: 250mm/min	29.2N
8	Total luminous transmittance	ASTM D1003-07 ^{ε1} Method A	Thickness: 1.91mm Light source type: C	89.4%
9	Temperature applicability	Supplied by client	Condition: -40°C, 48h	No visible change
10	Heat losing rate	With reference to ASTM D1509- 95(2000)	Condition: 125°C, 1h	0.13%
11	Oxygen Index	ASTM D2863-2008 Procedure B	Specimen: Type V Ignition procedure: Propagating ignition	21.7%

A/76/1-- "A" : type of durometer, "76" : hardness value, "1" : read time(s).

Heat losing rate, %=(Mass before heating - Mass after heating) / Mass before heating ×100