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## TECHNICAL DATA SHEET

### MICROLINK XL28/XUV/FR

A chemically crosslinkable, Flame Retardant Polyethylene, which allows production on conventional rotational moulding equipment, of finished products with much improved performance properties. Properties enhanced include toughness (particularly low-temperature impact performance), environmental stress crack resistance, and chemical and temperature resistance.

Microlink XL28/XUV/FR is fully UV stabilised for outdoor use in the most demanding climates, giving a minimum of UV10 rating.

### TECHNICAL SPECIFICATION

PHYSICAL PROPERTY	TEST METHOD	UNITS	VALUE
Density	ISO 1183	g/cm <sup>3</sup>	0.940 (1.00 as FR version)
ESCR (F50)	ASTM D1693	Hours	>1000
Tensile Strength at Break (50 mm/min)	ISO 527	MPa	18
Elongation at Break	ISO 527	%	250
Vicat Softening Point	ISO 306	°C	128
Brittleness Temperature	ASTM D746	°C	< -70
Flexural Modulus	ISO 178	MPa	600
Impact Resistance	Micropol test method, based on ASTM D1709	J/mm	36*

\*Typical values of linear rotational moulding grades are 12 – 20 J/mm

XL28/XUV/FR conforms to UL94 HB

Microlink XL is produced using Micropol's long experience of the rotational moulding process to give the powder correct particle size, shape and distribution properties for optimum moulding quality.

***The information given above is typical for the material. It should only be used for the purpose of comparison and does not guarantee performance under end use conditions.***



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