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TECHNICAL DATA SHEET

MICROLIN ML54

A rotational moulding powder based on a specially developed easy flow linear polyethylene formulation designed to produce mouldings of good rigidity combined with excellent impact resistance & environmental stress crack resistance.

The polymer and powder flow properties of ML54 have been designed to give good mouldability over a wide processing window, even for demanding and complex rotational moulding applications.

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Melt Flow Index (190/2.16)	ISO 1133	g/10 min	5
Density	ISO 1183	g/cm ³	0.935
Tensile Stress at Yield (50 mm/min)	ISO 527	MPa	16
Elongation at break	ISO 527	%	600
Tensile Modulus	ISO 527	MPa	500
ESCR (Condition B)	ASTM D 1693	Hours	>300hr
Vicat Softening Point	ISO 306	°C	114

The specialised size, shape and distribution of this Microlin powder have been developed through direct experience of the rotational moulding process.

The information given above is typical of 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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