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TECHNICAL DATA SHEET

MICROLIN ML73

A new generation easy flow hexane linear rotational moulding powder base designed to produce mouldings of good rigidity combined with high impact strength at low temperatures. Also featured is excellent environmental stress crack resistance.

The polymer and powder flow properties of ML73 have been designed to give good mouldability over a wide processing window, particularly for demanding rotational moulding applications such as agricultural and chemical storage containers, intermediate bulk containers and playground toys.

PHYSICAL PROPERTY	TEST METHOD	UNITS	VALUE
Melt Flow Index (190/2.16)	ISO 1133	g/10mins	7.5
Density	ISO 1183	g/cm ³	0.935
Tensile Stress at Yield (50 mm/min)	ISO 527	MPa	17
Elongation at Break	ISO 527	%	>450
Tensile Modulus	ISO 527	MPa	700
ESCR (condition B)	ASTM D1693	Hours	>1000
Vicat Softening Point	ISO 306	°C	113

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 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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Registered Office as above