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## TECHNICAL DATA SHEET

### MICROLIN HL29

A tough 'new generation' Hexene Linear High Density rotational moulding powder designed to produce mouldings of extremely high rigidity combined with high impact strength, particularly at low temperatures.

The polymer and powder flow properties of HL29 have been designed to give good mouldability over a wide processing window, particularly for more demanding rotational moulding applications such as Kayaks, Canoes and Marine Leisure Craft.

A variety of UV packages are available dependant on the worldwide location of the finished article.

PHYSICAL PROPERTY	TEST METHOD	UNIT	VALUE
Melt Flow Index	ISO 1133	g/10 min	4.0
Density	ISO 1183	g/cm <sup>3</sup>	0.944
Tensile Strength at Yield	ISO 527	MPa	21
Flexural Modulus	ISO 527	MPa	1300
Vicat Softening Point	ASTM D1525	°C	114
Impact Strength Notched @ -40 C	ISO 8256	kJ/m <sup>2</sup>	120

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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