

## PolyLink PL4438

- LMDPE
- Rotation Moulding Grade

### Key Features

Melt Flow Index: 4.0 g/10 min  
Density: 0.938 g/cm<sup>3</sup>  
Good impact strength  
Broad processing window

### Typical applications

Pallets  
Industrial Bins  
Industrial Water & Chemical Tanks

## Product Description

PolyLink PL4438 is a ultra-violet (UV) light stabilised Linear Medium Density Polyethylene grade with a narrow molecular weight distribution for use as a rotational moulding grade.

PL4438 contains a fully formulated UV stabilisation package.

PL4438 is available in its natural powder form and custom compounded colours.

### Physical Characteristics<sup>1</sup>

Characteristics	Value	Unit	Test Method
Melt Flow Index (MFI)	4.0	g/10min	ASTM D 1238
Density	0.938	g/cm <sup>3</sup>	ASTM D 1505
Melting Point	125	°C	ISO 3146
Vicat Softening Point (1kg)	117	°C	ISO 306
Flexural Modulus	650	MPa	ASTM D 790
Tensile at Yield	16	MPa	ISO/R527(2/D)
Elongation at Break	>200	%	ISO/R527(2/D)
Hardness Shore D	62	Shore D	ASTM D 2240

<sup>1</sup> Data values shown are average values for the base resin and should not be used for specification limits.

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