



### NAME: D50S

#### Product Description:

D50S is a homo-polymer with a high molecular weight and outstanding Mechanical properties. The product shows excellent process ability in extrusion Applications and exhibits excellent long- term heat ageing resistance. Moplen D 50 S is well suited for technical extrusion applications that require both High stiffness and high impact resistance.

#### Application:

Extrusion of thin sheet for thermoforming.

Injection moulding wheels, fittings and high performance industrial components.

#### Typical data: (Table)

Property	Unit	Typical Value	Test Method
MFI	Dg/min	0.3	ISO 1133
Density	g/cm <sup>3</sup>	0.9	ISO 1183
Flexural Modulus	N/mm <sup>2</sup>	1350	ISO 178
Tensile	N/mm <sup>2</sup>	33	ISO R527
Elongation	%	14	ISO R527
Izod Impact	Kj/m <sup>2</sup>	6	ISO 180
Hardness	point	70	ISO 868
Vicat	oC	153	ISO 306/A
H.D. T	oC	100	ISO 75/B

\* Typical Values: not to be construed as specifications

Packing: 25 Kg plastic bag