

## D 50 S

### Polypropylene HomoPolymer



### Product Description

Moplen D 50 S is a homopolymer with a high molecular weight and outstanding Mechanical properties. The product shows excellent processability 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.

### Applications

- Extrusion of thin sheet for thermoforming.
- Injection moulding wheels, fittings and high performance industrial components.

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	°C	153	ISO 306/A
H.D.T	°C	100	ISO 75/B

Producer: Marun petrochemical Co.

Licensor: Basell

Packing: 25 Kg plastic bag

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