

SHAZAND Petrochemical Company

POLY PROPYLENE

Moplen Z11G (Injection Moulding)

Typical properties	Test method (ASTM)	Unit	Value
MFR @230°C, 2.16 kg	D1238/L	gr/10min	35
Flexural Modulus	D790	Mpa	1450
Notched Izod Impact@23°C	D256	J/m	30
Tensile Strength@Yield	D638	Mpa	32
Elongation@Yield	D638	%	10
Vicat Softening Point,10N	D1525	°C	152
HDT(0.46N/mm ²)	D648	°C	94
Rockwell Hardness	D785	R.Scale	100
Oven Aging@150°C	D3012	Hours	150

➤ Values shown are averages & are not to be considered as product specifications.

❖ Main application & Characteristics:

Moplen Z11G is a polypropylene homo-polymer for general injection moulding applications.

Moplen Z11G is suitable for gamma rays sterilization and mainly used for syringes and hospital articles.

* Moplen Z11G is suitable for food and medical applications.



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