

TECHNICAL DATASHEET

METALLOCENE HDPE Q868M

PRODUCT DESCRIPTION

Metallocene High Density Polyethylene Resin

Q868M is a metallocene HDPE resin designed to produce high impact resistance & superior appearance injection moulding products. It exhibits enhanced flow characteristics.

KEY CHARACTERISTICS:

Second Generation Metallocene Excellent Stiffness Good Puncture Resistance

NOMINAL PHYSICAL PROPERTIES:

PROPERTIES	ASTM TEST METHOD	UNIT	VALUE
TYPICAL RESIN PROPERTIES FOR Q868M:			
Density / Specific Gravity	D1505	g/cm ³	0.968
Melt Index (190°C at 2.16kg)	D1238	g/10 min	8.0
Melting Temperature	D3418	°C	135
Tensile Strength at Yield	D638	psi	3700
Elongation at Yield	D638	%	8
Elongation at Break	D638	%	120
Flexural Modulus @ 1%	D790B	MPa	792

PROCESSING METHOD:

Injection Moulding

APPLICATIONS:

Crates
Pallets
Caps & Closures

NOTE:

These are typical property values not to be construed as specification limits.

METALLOCENE
HIGH DENSITY
POLYETHYLENE
Q868M