

Metocene HM562S

Homopolymer



Product Description

Metocene HM562S is a metallocene-catalyzed homopolymer with a very narrow molecular weight distribution, suitable for fiber extrusion application. It is formulated with an anti-gas fading stabilization package. It can be advantageously processed in different spinning technologies. Typical applications are spunbond nonwovens and continuous filaments such as partially-oriented yarns(POY). **Metocene HM562S** expands processing capabilities to achieve unmatched properties balances. it allows faster spinning and lower denier filaments. Additional advantages of **Metocene HM562S** are low volatiles and low processing smokes.

Features Gas-fading resistance/ Narrow molecular weight distribution/ High Purity/ Low fume

Market Textile

Application Nonwoven spunbond/ Filament yarn/ Furniture & Buildings, Geotextile & Agriculture, hygiene nonwoven, Protective clothes

ASTM Data

Typical Properties	Nominal Value	Units	Test Method
Melt Flow Rate (230°C,2.16kg)	30	g/10 min	ASTM D1238L
Density	0.9	g/cm3	ASTM D1505
Flexural Modulus	13000	kg/cm2	ASTM D790
Tensile Strength at Yeild	320	kg/cm2	ASTM D638
Elongation at Yeild	10	%	ASTM D638
Izod Impact Strength (23°C)	3	kgcm/cm	ASTM D256
Rockwell Hardness	104	R-Scale	ASTM D785
HDT (0.46 N/mm²)	110	°C	ASTM D648

1) The above values are typical property values for reference only not be construed as specification limits.

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