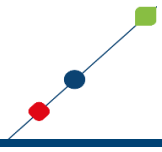
DATASHEET

ASTM Property



LOTTE CHEMICAL

Grade	MF5000U
Product	HDPE

General Information

Key Features	MF5000U offers good stretching, spinning, high strength property, melting stability and weather resistance
Applications	Sea Net, Shading Screen

Item	Measuring Method	Unit	Value
	Physical		
Melt Flow Index	ASTM D1238	g/10min	0.95
Density	ASTM D1505	g/㎤	0.954
	Mechanical		
Tensile Stress (Yield)	ASTM D638	kgf/㎠	250
Tensile Strain (Break)	ASTM D638	%	≥500
Flexural Modulus	ASTM D790	kgf/㎠	10,000
Rockwell Hardness	ASTM D785	R	50
	Impact		
Izod Impact Strength(notched) (23℃)	ASTM D256	kgf·㎝/㎝	20
	Thermal		
VICAT Softening Temperature	ASTM D1525	℃	125

1. Physical Properties : these are not to be construed as specifications
2. ISO 9001, 14001, /TS 16949

* The last update date : 2021/10/01