

# Monofilament & Yarn



Fishing Net



Rope



Agricultural Net



Tarpaulin



Mosquito Net

InnoPlus: HDPE				
Properties	Test Method	Unit	Monofilament	High Performance Monofilament
			HD5000S	HD5800S
MFR (190 °C, 2.16 kg)	ASTM D1238	g/10 min	0.8	0.3
Density	ASTM D1505	g/cm³	0.954	0.954
Melting Temperature	ASTM D3418	°C	134	136
Tensile Strength at Yield	ASTM D638	kg/cm²	290	290
Tensile Strength at Break	ASTM D638	kg/cm²	390	450
Elongation at Break	ASTM D638	%	> 1,000	>1,000
Flexural Modulus	ASTM D790	kg/cm²	12,000	11,000
Notched Izod Impact Strength	ASTM D256	kg.cm/cm	17 (P*)	76 (NB*)
Vicat Softening Point	ASTM D1525	°C	125	126

Note : \*C = Complete Break \*P = Partial Break \*NB = Non Break

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