

TABRIZ Petrochemical Company

General Purpose Polystyrene (GPPS)

HD5406EA

HD5406EA is high density polyethylene copolymer containing butene-1(C4) as co monomer. It is suitable for producing of ropes and plastic nets. HD5406EA has the following characteristics: good impact strength, excellent surface finish, good tensile parameters.

Applications: filament, ropes, plastic nets.

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(190°C 2.16KG)	g/10min	ASTM D-1238	0.6
DENSITY	gr/cm ³	ASTM D-1505	0.954
TENSILE STRESS AT YEILD	MPA	ASTM D-638	25
TENSILE STRESS AT BREAK	MPA	ASTM D-638	30
ELONGATION AT YEILD	%	ASTM D-638	7
ELONGATION AT BREAK	%	ASTM D-638	900
IZOD IMPACT	KJ/M ²	ASTM D-256	40
WITHENESS INDEX	-	ASTM E-313	50
YELLOW INDEX	-	ASTM E-313	-1
VICAT SOFTENING POINT	°C	ASTM D-1525	120

* All above mentioned data are typical values and not to be construed as real specifications. Users should confirm results by their own tests. For more information about guaranteed items, please refer to S.S.S.(Standard Sales Specifications).

Grade Suffix (Additive Indication) EA: GENERAL ANTIOXIDANT



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