

TABRIZ Petrochemical Company

General Purpose Polystyrene (GPPS)

HD4440EA

HD4440EA is high density polyethylene copolymer containing butene-1(C4) as co monomer. It is suitable as based resin for cross linking polyethylene pipes. HD4440EA has the following characteristics: good impact strength, excellent surface finish. This grade has food contact approval.

Applications: non pressurized pipe with silane technology

PROPERTY	UNIT	TEST METHOD	TYPICAL VALUE
MELT FLOW INDEX(190 C 2.16KG)	g/10min	ASTM D-1238	4
DENSITY	gr/cm ³	ASTM D-1505	0.944
YELLOW INDEX	-	ASTM E-313	-1
WHITENESS INDEX	-	ASTM E-313	60
CONTAMINATION	NO.	BP137	5
TENSILE STRESS AT YEILD	MPA	ASTM D-638	18
TENSILE STRESS AT BREAK	MPA	ASTM D-638	23
ELONGATION AT BREAK	%	ASTM D-638	800

*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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