



HDPE APAK-5010 (EX3)

HDPE is an acronym for High Density Polyethylene. High Density Polyethylene is a polyethylene thermoplastic made from petroleum. HDPE is commonly recycled and made into composite wood or plastic lumber.

APAK-5010 (EX3) is a pipe grade resin which is manufactured by suspension polymerization of ethylene monomer. HM-5010T2N (EX3) is a bi-model high density polyethylene with I-Butene as co monomer.

Resin Properties	Unit	Typical Value	Test Method
Melt Index (2.16)	g/10 min	12	ISO 1133
Melt Index (5)	g/10 min	0.45	ISO 1133
FRR (21.6/5)		27	
Density	g/cm ³	0.945	ISO 1183
Molded Properties	Unit	Typical Value	Test Method
Notched Impact @ 23 'C	mJ/mm ²	12	ISO 179/ 1 eA
Mechanical Properties	Unit	Typical Value	Test Method
Hydrostatic Strength (80 'C)	h	(4.0 N,'mm ²) 1000	so 1167

Density: 0.943-0.947 g/cm³

Additives

Antiox•dant/Process stabilizer

Lubricant (processing a'd) /acid scavengerr