



HDPE APAK 100 N

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.

HDPE APAK 100 N Black is a black pipe grade resin (APAK 100 N) which is manufactured by suspension polymerization of ethylene monomer. HM-CRPIOO Blue is a bi-model high density polyethylene with I-Butene as co monomer.

Test/Composition	Typical Value	Unit	ASTM Method
Density	0.957	g/m ³	ISOI 183
FRR 21.6/5	28		
Hydrostatic Strength (80^oc)	5000 (4.5N/mm ²)	h	ISOI 167
MFR1900/21.6	6.2	g/10 min	ISOI 133
MFR1900/5	0.22	g/10 min	ISOI 133
Notched Impact (23^oc)	24	mJ/mm ²	ISO179/1eA