

Persian Gulf Petrochemical Industry Commercial Co.

Arya Sasol Petrochemical Company



Polymers



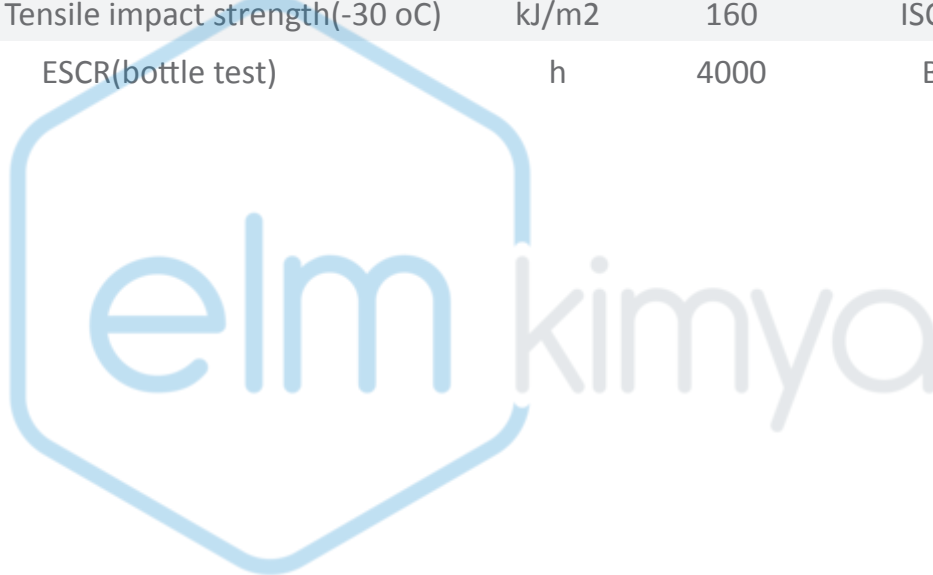
Chemical &  
Aromatics



Fuel & Feeds  
Stock

# HDPE (HCM 4265)

Physical Properties	UNIT	Value	TEST METHOD
Density (23 oC)	Kg/m3	942	ISO 1183
MFI (190 oC /21.6Kg)	dg/min	6.5	ISO 1133
Bulk Density	g/cm3	>0.50	ISO 60
Mechanical properties			
Tensile Modulus of elasticity	MPa	800	ISO527
Notched Tensile impact strength(-30 oC)	kJ/m2	160	ISO 8256
ESCR(bottle test)	h	4000	Basell



## APPLICATION

Additive

Antioxidant –Heat stabilizer

container and UN Jerry Cans (pesticides, surface active liquids), jerry cans, smaller jerry cans also for coextrusion UN Bottles, IBC