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JAM PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE 52502SU

HDPE 52502SU is a Narrow MWD HDPE for mineral water bottles and beverage caps. It has excellent organoleptic properties to prevent odor and taste transfer, good gas permeability, superior processability, and excellent mechanical strength.

Producer	Characteristic Properties	Applications	Additive
JAM	Narrow MWD HDPE - Excellent organoleptic property - Superior processability and mechanical strength	Caps and closures for mineral water Bottles, Caps for sparkling water and carbonated	Antioxidants/Acid scavenger- AntiBlock

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	2.1	D1238
Density	g/cm ³	0.952	D1505
Vicat Softening Point	°C	124	D1525
Flectural Modulus	Mpa	1000	D790
Tensile Strength at Yield	Mpa	25	D790
Tensile Strength at Break	Mpa	38	D638
H.D.T	°C	78	D648
Notched Izod Impact @ 23 °C	J/m	180	D256/A