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JAM PETROCHEMICAL COMPANY

HIGH DENSITY POLYETHYLENE HDPE 52501

HDPE 52501(CC52501): Narrow MWD HDPE for beverage bottles. Designed for sparkling water, hotfilled, and soft drinks. Prevents odor and taste transfer. Good gas permeability, easy to process, strong. No slip agent.

Producer	Characteristic Properties	Applications	Additive
JAM	Thin MWD HDPE, great stress crack resistance and organoleptic quality Decent gas permeability	Caps and closures for beverage bottles of sparkling water Hotfilled and carbonated soft drinks.	Antioxidants/Acid scavenger

Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	1.0	D1238
Density	g/cm ³	0.952	D1505
Vicat Softening Point	C°	123	D1525
Flexural Modulus	MPa	800	D790
Tensile Strength at Yield	Mpa	25	D790
Tensile Strength at Break	Mpa	36	D638
H.D.T	°C	78	D648
Notched Izod Impact @ 23 °C	J/m	80	D256/A