



SHOBEIR SHIMI  
WWW.SHOBEIRSHIMI.COM  
info@shobeirshimi.com

JAM PETROCHEMICAL COMPANY

## HIGH DENSITY POLYETHYLENE HDPE 52502

52502 is a Narrow MWD HDPE specially designed for mineral water bottles and beverage caps. This grade has excellent organoleptic properties which prevent unpleasant odor and taste from cap or closure to transfer to water.

Producer	Characteristic Properties	Applications	Additive
JAM	Narrow MWD HDPE- Excellent organoleptic property- Superior processability mechanical strength	Caps and closures for mineral water bottles, Caps for sparkling water and carbonated Soft drinks, beverage caps.	Antioxidants/Acid scavenger

### Typical Properties

Resin Properties	Unit	Typical Value	Test Method
Melt Index (190°C/ 2.16Kg)	g/10 min	2.1	D1238
Density	g/cm <sup>3</sup>	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