

CC52502 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. It has good gas permeability characteristics, superior processability and excellent mechanical strength. HDPE CC52502SU does contain slip agent and stabilized against UV light.

Resin Properties	Unit	Typical value	Test Method
Melt Index (21.6)	g/10 min	2	D1238
Density	g/cm ³	0.952	D1505
Thermal Properties			
Vicat Softening Point	°C	124	D1525
Molded Properties			
Flectural Modulus	Mpa	1000	D790
Tensile Strenght at Yield	Mpa	25	D790
Tensile Strenght at Break	Mpa	38	D638
H.D.T	°C	78	D648
Notched Izod Impact @ 23 °C	J/m	180	D256/A

➤ **Typical Application:**

Caps and clouser for mineral water bottles, caps for sparkling water and carbonated soft drinks, beverage caps.

➤ **Processing Conditions:**

Recommended barrel tempratures range is between 160 °C and 190 °C.

HDPE

