

HDPE 7302S

YUZEX 7302S is a high density polyethylene grade which offers a high impact resistance combined with good stiffness and high ESCR. This resin is suitable for the PET bottle closure, especially in CSD (Carbonated Soft Drink) application. It contains slip additives.

Application / Use Case

CSD Cap / PET Bottle Cap

Specification

	Specification	Unit	Test Method
Density	0.955	g/cm ³	ASTM D1505
Melt Index	1.0	g/10min	ASTM D1238

Physical Properties

	Value	Unit	Test Method
Softening Point(Vicat)	122	°C	ASTM D1525
Tensile Strength at Yield	280	kg/cm ²	ASTM D638
Elongation at Break	>500	%	ASTM D638
Flexural Modulus	8100	kg/cm ²	ASTM D790
IZOD Impact strength	15	kg cm/cm	ASTM D256
ESCR	> 600	Hr	ASTM D1693

● Notes:

These are **typical properties** only, and are **not to be construed as specifications**. The physical properties are highly dependent on the manufacturing conditions. Thus, customers should confirm performances by their own tests.

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