

# XH4

High Density Polyethylene

## General Information

### Description

HDPE injection copolymer for general injection molding application.

### Applications

Product used for general injection molding application, including caps and closures for non-carbonated and houseware

| Properties <sup>1</sup>         |             |                             |
|---------------------------------|-------------|-----------------------------|
| Physical                        | Test Method | Nominal Values              |
| Melt Flow Index (190 , 2.16 kg) | ASTM D1238  | 5.5-6.5 g/10min             |
| Density                         | ASTM D792   | 0.95-0.96 g/cm <sup>3</sup> |
| Mechanical                      |             |                             |
| Tensile Strength (Yield)        | ISO 527-1   | 32 psi                      |
| Elongation (Break)              | ASTM D638   | 1100 %                      |
| Flexural Modulus                | ISO 178     | 1500 psi                    |
| Impact                          |             |                             |
| Vicat Softening Point           | ASTM D1525  | 120-130 C °                 |
| Thermal                         |             |                             |
| Low Temperature Brittleness F50 | ASTM D746   | <-70 C °                    |

## NOTE

ISO 9001, 14001, /TS 16949

<sup>1</sup> Properties: these are not to be construed as specifications