

Parslen ZH510L

Product Description:

Parslen ZH510L offers good flow properties, easy processing and high stiffness.

This grade is suitable for the production in film yarn industry for bags, but with slight decrease in the tensile strength compare to ZH510L. This grade is not very suitable for heavy duty jumbo bag production.

Application:

In addition to production of film yarn, ZH510L is also widely used for injection Molding application, components for appliance, parts for the automotive industry, toys and garden furniture.

| Typical properties | Method | Unit | Value | Tolerance |
|--|-------------|-----------|-------|-----------|
| Melt flow rate(230° C, 2.16 Kg) | ASTM D 1238 | Gr/10 min | 6 | ±1 |
| Vicat softening point (9.8 N) | ASTM D 1525 | ° C | 154 | ±4 |
| H.D.T. (0.46 MPA) | ASTM D 648 | ° C | 94 | ±7 |
| Flexural modulus | ASTM D 790 | MPa | 1550 | ±150 |
| Tensile strength at yield | ASTM D 638 | MPa | 35 | ±5 |
| Elongation at yield | ASTM D 638 | % | 12 | -2 |
| Izod impact strength(notched) at 23° C | ASTM D 256 | J/m | 40 | ±4 |
| Rockwell hardness (R – B Scale) | ASTM D 785 | R – B | 100 | ±20 |