

Moplen HP461X

Homopolymer



Product Description

Moplen HP461X is a new generation polypropylene homopolymer, supplied in pellet form. Its main application is in melt blown non-wovens, with very narrow molecular weight distribution, typical end use products including diapers, sanitary napkins, oil absorbent mats, wipes, masks, air filtration media, and wet tissues.

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|--------------------|--|
| Features | Excellent Spinnability/ Excellent Drawability/ Lower shot and fly/ Higher productivity/ Low processing temperature Good barrier property (Higher hydrohead)/ Good electrocharge property/ Convenient handling/ Pellet type |
| Market | Meltblown, Textile |
| Application | Diaper and sanitary napkin with Spunbond/ Oil absorbent mat/ Wipers/ Air filtration media/ Masks/ Wet tissues / Color master-batch base resin |

ASTM Data

| Typical Properties | Nominal Value | Units | Test Method |
|--------------------------------|---------------|-------------------|-------------|
| Melt Flow Rate (230°C, 2.16kg) | 1100 | g/10 min | ASTM D1238L |
| Density | 0.9 | g/cm ³ | ASTM D1505 |

1) The above values are typical property values for reference only not be construed as specification limits.

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- iii. life-sustaining medical applications; or
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- vi. electronic cigarettes and similar devices; or
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