

DynaMix™ 6300

Thermoplastic

Polymer Dynamix

Message:

- Aromatic Alloy
- Features:
 - Excellent Chemical Resistance
 - Autoclavable
 - Transparent
- Aromatic
- Applications:
 - Medical
 - Industrial
 - Food/Cosmetic

| General Information | | | |
|--|---------------------------------|-------------------|-------------|
| Features | Aromatic | | |
| | Autoclavable | | |
| | Good Chemical Resistance | | |
| | High Clarity | | |
| Uses | Cosmetics | | |
| | Industrial Applications | | |
| | Medical/Healthcare Applications | | |
| | Non-specific Food Applications | | |
| Physical | Nominal Value | Unit | Test Method |
| Specific Gravity | 0.800 to 0.850 | g/cm ³ | ASTM D792 |
| Mechanical | Nominal Value | Unit | Test Method |
| Tensile Strength | | | ASTM D638 |
| Yield | 25.2 | MPa | |
| Break | 30.0 | MPa | |
| Tensile Elongation | | | ASTM D638 |
| Yield | 8.0 | % | |
| Break | 12 | % | |
| Flexural Modulus | 1590 | MPa | ASTM D790 |
| Flexural Strength | 46.9 | MPa | ASTM D790 |
| Impact | Nominal Value | Unit | Test Method |
| Notched Izod Impact (23°C, 3.18 mm) | 27 | J/m | ASTM D256 |
| Thermal | Nominal Value | Unit | Test Method |
| Deflection Temperature Under Load (0.45 MPa, Unannealed) | 127 | °C | ASTM D648 |

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