

# Maxelast® F02-139A

Thermoplastic Elastomer

Nantong Polymax Elastomer Technology, Co., Ltd

## Message:

Maxelast® F02-139A is a Thermoplastic Elastomer (TPE) material. It is available in Asia Pacific, Europe, or North America for extrusion.

Important attributes of Maxelast® F02-139A are:

Flame Retardant

Halogen Free

Typical application of Maxelast® F02-139A: Wire & Cable

| General Information          |                 |                   |             |
|------------------------------|-----------------|-------------------|-------------|
| Additive                     | Flame Retardant |                   |             |
| Features                     | Flame Retardant |                   |             |
|                              | Halogen Free    |                   |             |
| Agency Ratings               | UL VW-1         |                   |             |
| Processing Method            | Extrusion       |                   |             |
| Physical                     | Nominal Value   | Unit              | Test Method |
| Specific Gravity             | 1.16            | g/cm <sup>3</sup> | ASTM D792   |
| Hardness                     | Nominal Value   | Unit              | Test Method |
| Durometer Hardness (Shore A) | 87              |                   | ASTM D2240  |
| Elastomers                   | Nominal Value   | Unit              | Test Method |
| Tensile Stress               |                 |                   | ASTM D412   |
| 100% Strain                  | 6.32            | MPa               |             |
| 300% Strain                  | 7.55            | MPa               |             |
| Tensile Strength (Yield)     | 11.0            | MPa               | ASTM D412   |
| Tensile Elongation (Break)   | 460             | %                 | ASTM D412   |

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## Recommended distributors for this material

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