



# MULTIFLEX™ G35 A 11 14009

## STYRENIC THERMOPLASTIC ELASTOMER

### Rheological properties

Flow length	24.8 in
Flow length - pressure	725 psi

### Typical mechanical properties

Stress at 100% elongation	131 psi	ISO 527-1/-2 or ISO 37
Stress at break	725 psi	ISO 527-1/-2 or ISO 37
Elongation at break	>300 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	35	ISO 48-4 / ISO 868
Compression set at 23°C, 24h	22 %	ISO 815
Tear strength, parallel	18 kN/m	ISO 34-1

[1]: Cross direction

### Other properties

Density	8.68 lb/gal	ISO 1183
---------	-------------	----------

### Injection

Drying Recommended	no
Melt Temperature Optimum	392 °F
Mold Temperature Optimum	104 °F
Min. mould temperature	68 °F
Max. mould temperature	140 °F
Hold pressure range	as low as psi possible
Back pressure	1 psi
Injection speed	High in/s

### Extrusion

Melt Temperature Optimum	374 °F
Melt Temperature Range	356 - 392 °F

### Characteristics

Compatibility	Polyolefins
---------------	-------------



# MULTIFLEX™ G35 A 11 14009

STYRENIC THERMOPLASTIC ELASTOMER

Revised: 2021-07-26

Page: 2 of 2

## DuPont

The information set forth herein is furnished free of charge, is based on technical data that DuPont believes to be reliable, and represents typical values that fall within the normal range of properties. This information relates only to the specific material designated and may not be valid for such material used in combination with other materials or in other processes. It is intended for use by persons having technical skill, at their own discretion and risk. This information should not be used to establish specification limits nor used alone as the basis of design. Handling precaution information is given with the understanding that those using it will satisfy themselves that their particular conditions of use present no health or safety hazards and comply with applicable law. Since conditions of product use and disposal are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information. As with any product, evaluation under end-use conditions prior to specification is essential. Nothing herein is to be taken as a license to operate or a recommendation to infringe on patents.

**CAUTION:** Do not use DuPont materials in medical applications involving implantation in the human body or contact with internal body fluids or tissues unless the material has been provided from DuPont under a written contract or other acknowledgement that is consistent with the DuPont policy regarding medical applications and expressly acknowledges the contemplated use. For further information, please contact your DuPont representative.

DuPont's sole warranty is that our products will meet our standard sales specifications in effect at the time of shipment. Your exclusive remedy for breach of such warranty is limited to refund of purchase price or replacement of any product shown to be other than as warranted. TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DUPONT SPECIFICALLY DISCLAIMS ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, MERCHANTABILITY, OR NON-INFRINGEMENT. DUPONT DISCLAIMS LIABILITY FOR ANY SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

DuPont™, the DuPont Oval Logo, and all trademarks and service marks denoted with ™, SM or ® are owned by affiliates of DuPont de Nemours, Inc. unless otherwise noted.

© 2022 DuPont. All rights reserved.