



# MULTIFLEX™ G45 A 21 B Z2487 N0033 (A)

## STYRENIC THERMOPLASTIC ELASTOMER

### Product information

Colour Black

### Rheological properties

Flow length 20.9 in  
Flow length - pressure 725 psi

### Typical mechanical properties

Stress at 100% elongation	145 psi	ISO 527-1/-2 or ISO 37
Stress at 300% elongation	218 psi	ISO 527-1/-2 or ISO 37
Stress at break	638 psi	ISO 527-1/-2 or ISO 37
Elongation at break	>300 %	ISO 527-1/-2 or ISO 37
Shore A hardness, 15s	45	ISO 48-4 / ISO 868
Compression set at 23°C	13 %	ISO 815
Compression set at 70°C, 24h	38 %	ISO 815
Compression set at 100°C, 24h	66 %	ISO 815
Tear strength, parallel	20 kN/m	ISO 34-1

[1]: Cross direction

### Other properties

Density 9.77 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 possible psi
Back pressure	1 psi
Injection speed	High in/s

### Extrusion

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

### Characteristics

Compatibility Polyolefins



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