

## Optiflex TPV65A

The Materials Group - *Thermoplastic Vulcanizate*

### General Information

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Material Status	• Commercial: Active
Availability	• North America
Features	• Excellent Processability
Appearance	• Black • Colors Available • Natural Color
Forms	• Pellets
Processing Method	• Injection Molding

### Properties <sup>1</sup>

Physical	Nominal Value	Unit	Test Method
Density / Specific Gravity	0.952		ASTM D792
Elastomers	Nominal Value	Unit	Test Method
Tensile Strength (Break)	870	psi	ASTM D412
Tensile Elongation (Break)	430	%	ASTM D412
Compression Set (257°F, 70 hr)	42	%	ASTM D395
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	65		ASTM D2240

### Processing Information

Injection	Nominal Value	Unit
Drying Temperature	140	°F
Drying Time	3.0	hr
Suggested Max Moisture	0.080	%
Rear Temperature	360	°F
Middle Temperature	370	°F
Front Temperature	380	°F
Nozzle Temperature	390	°F
Processing (Melt) Temp	390	°F
Mold Temperature	> 120	°F

### Notes

<sup>1</sup> Typical properties: these are not to be construed as specifications.

