

## S&E Specialty Polymers TuffFlex™ GA-1042FR-60-0-405 Black TPE Compound

Category : Polymer , Thermoplastic , Elastomer, TPE

**Material Notes:**

Application: An oil resistant, flexible, 60°C rated jacketing compound. Information provided by S&amp;E Specialty Polymers

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_SE-Specialty-Polymers-TuffFlex-GA-1042FR-60-0-405-Black-TPE-Compound.php](http://www.lookpolymers.com/polymer_SE-Specialty-Polymers-TuffFlex-GA-1042FR-60-0-405-Black-TPE-Compound.php)

Physical Properties	Metric	English	Comments
Specific Gravity	1.34 g/cc	1.34 g/cc	ASTM D792

Mechanical Properties	Metric	English	Comments
Hardness, Shore A	80.0	80.0	ASTM D2240
	@Time 15.0 sec	@Time 0.00417 hour	
Tensile Strength	12.4 MPa	1800 psi	ASTM D412
	12.896 MPa	1870.4 psi	Aged in ASTM Oil #2
Elongation at Break	300 %	300 %	ASTM D412
	276 %	276 %	Aged in ASTM Oil #2
	@Time 605000 sec	@Time 168 hour	

Thermal Properties	Metric	English	Comments
Brittleness Temperature	-27.0 °C	-16.6 °F	ASTM D746

Processing Properties	Metric	English	Comments
Processing Temperature	171 - 182 °C	340 - 360 °F	Suggested Stock

### Contact Songhan Plastic Technology Co.,Ltd.

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