



ENGAGE™ 11567

Polyolefin Elastomer

Visión general ENGAGE™ 11567 es un elastómero de poliolefina que ofrece una excelente eficiencia de incorporación de elastómero para una modificación de impacto superior en compuestos termoplásticos de poliolefina (TPO). Su alta capacidad de tenacidad en comparación con otros elastómeros de poliolefina disponibles comercialmente permite una mayor facilidad para optimizar los niveles de elastómero para cumplir con los requisitos de resistencia al impacto en las especificaciones automotrices globales. Las formulaciones de TPO que contienen ENGAGE™ 11567 combinan un buen comportamiento de procesamiento con un excelente equilibrio entre rigidez y tenacidad para piezas de automóviles, como los paragolpes. El diseño del elastómero de poliolefina ENGAGE™ 11567 permite acortar el tiempo del ciclo de moldeo por inyección del compuesto TPO. Su diseño contribuye al control de la morfología y mejora la resistencia a la temperatura de las piezas finales.

Características principales:

- Alta eficiencia de incorporación de elastómero para un equilibrio óptimo entre costo y rendimiento
- Tenacidad mejorada para un mejor equilibrio entre rigidez y resistencia al impacto
- Buenas características de flujo
- Tiempo de ciclo mejorado demostrado
- Alto punto de fusión para mejorar la resistencia a la temperatura
- Forma en pellets con agente de partición para facilitar el manejo

Aplicaciones:

- Modificación de impacto de TPO
- Compuestos de poliolefina moldeados por inyección

Físicas	Valor Típico (Inglés)	Valor Típico (SI)	Método
Densidad	0,866 g/cm ³	0,866 g/cm ³	ASTM D792
Índice de Fluidez (190°C/2.16 kg)	1,0 g/10 min	1,0 g/10 min	ASTM D1238
Mecánicas	Valor Típico (Inglés)	Valor Típico (SI)	Método
Módulo de Tensión - 100% Secante (Moldeado por Compresión)	232 psi	1,60 MPa	ASTM D638
Tensión (Rotura, Moldeado por Compresión)	739 psi	5,10 MPa	ASTM D638
Elongación (Rotura, Moldeado por Compresión)	600 %	600 %	ASTM D638
Dureza	Valor Típico (Inglés)	Valor Típico (SI)	Método
Shore A, 1s (Moldeado por Compresión)	60	60	ASTM D2240
Térmicas	Valor Típico (Inglés)	Valor Típico (SI)	Método
Temperatura de Transición Vítrea	-79,6 °F	-62,0 °C	Método Dow
Temperatura de Fusión (DSC)	250 °F	121 °C	Método Dow

Notas

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