



**RESPOND EX4290**

**DESCRIPTION:**

RESPOND™ EX4290 thermoplastic elastomer is an engineered polyolefin with elastomeric behavior, designed for coextrusion and thermoforming applications where “soft touch” and flexibility are needed. This material is colorable, can be supplied with or without UV stabilizers, and may be recycled with other polyolefins.

**APPLICATIONS:**

Contact your Solvay Engineered Polymers representative for further information

PROPERTY	TYPICAL VALUE	UNITS	TEST METHOD
<b>PHYSICAL</b>			
Hardness 23°C, 5 sec	88A	Shore A	ASTM D-2240
Specific Gravity 23°C	0.91		ASTM D-792
Melt Flow 230°C, 2.16kg	< 0.1	g/10 min	ASTM D-1238
<b>MECHANICAL</b>			
Tensile Strength 23°C, 50 cm/min	1,885 (13)	psi (MPa)	ASTM D-412 die C
Ultimate Elongation 23°C, 50 cm/min	670	%	ASTM D-412 die C
100% Modulus 23°C, 50 cm/min	1,421 (9.8)	psi (MPa)	ASTM D-412 die C
Flex Modulus 23°C, 1.3 cm/min	27,550 (190)	psi (MPa)	ASTM D-790
Tear Strength 23°C, 50 cm/min	526 (92)	lb/in (kN/m)	ASTM D-624 die C

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Solvay  
Engineered Polymers  
1200 Harmon Road  
Auburn Hills, MI 48326  
Phone: (248) 391-9500  
Fax: (248) 391-9501

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