



**Extrusion Grades**

**DESCRIPTION:**

Extrusion grade thermoplastic olefinic elastomers (TPOs) are designed for exterior and interior applications that require toughness and dimensional stability. These materials are readily processed into a variety of products and have excellent chemical resistance. These materials can be supplied with or without UV stabilizers.

**APPLICATIONS:**

Extrusion and thermoforming.

PROPERTY	ISO	UNITS	DEXFLEX E118	DEXPRO E420	SEQUEL E3000	SEQUEL E4000	SEQUEL E5000
<b>PHYSICAL</b>							
Specific Gravity	1183 Method A		1.09	1.06	1.07	1.08	1.18
Melt Flow Rate (230°C, 2.16 kg load)	1133	g/10 min	0.5	1.0	1.0	0.7	0.5
AMMS	294	%	0.7	0.7	0.7	1.2	0.8
<b>MECHANICAL</b>							
Flexural Modulus	178 2 mm/min	MPa (Kpsi)	1,800 (260)	2,000 (290)	2,100 (300)	2,600 (380)	3,000 (435)
Tensile Strength @ Yield	527-1 & 2 50 mm/min	MPa	20	24	21	30	28
Notched Izod Impact @ 23°C @ -30°C	180	kJ/m2 kJ/m2	60 NB 10 NB	55 NB 5.5 CB	50 NB 7 PB	25 NB 4.5 CB	25 NB 4 CB
<b>THERMAL</b>							
HDT 0.45 Mpa Load	75	°C	100	105	150	110	115
CLTE Parallel	11359	mm/mm/°C	4.00E-05	4.00E-05	4.00E-05	5.0E-05	3.5E-05

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