

OLEFISTA™ QM4301E/QCM292

Specialty Elastomer

Mitsubishi Chemical Performance Polymers, Inc.

Message:

OLEFISTA™QM4301E/QCM292 is a Specialty Elastomer material. This product is available in the Asia-Pacific region.

OLEFISTA™The main features of QM4301E/QCM292 are:

flame retardant/rated flame

Flame Retardant

Heat resistance

General Information			
Features	Heat resistance, high		
	Flame retardancy		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.45	g/cm ³	JIS K7112
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A, 10 sec)	94		JIS K7215
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress (100% Strain)	9.00	MPa	JIS K7113
Tensile Stress (Break)	14.0	MPa	JIS K7113
Tensile Elongation (Break)	380	%	JIS K7113
Aging	Nominal Value	Unit	Test Method
Change in Tensile Strength in Air (180°C, 168 hr)	91	%	JIS K7113
Change in Tensile Strain at Break in Air (180°C, 168 hr)	82	%	JIS K7113
Thermal	Nominal Value	Unit	Test Method
Brittleness Temperature	< -60.0	°C	JIS K6723
Heat Deformation (120°C)	5.0	%	JIS K6723
Electrical	Nominal Value	Unit	Test Method
Volume Resistivity (30°C)	8.0E+15	ohms · cm	JIS K6723
Flammability	Nominal Value	Unit	Test Method
Flame Rating (1.00 mm)	V-2		UL 94
Oxygen Index	27	%	JIS K7201
Additional Information			
Blend Ratio: QM4301E/QCM292 , 100/3			
Extrusion	Nominal Value	Unit	
Cylinder Zone 1 Temp.	140	°C	
Cylinder Zone 2 Temp.	170	°C	
Cylinder Zone 3 Temp.	180	°C	
Cylinder Zone 4 Temp.	180	°C	

Adapter Temperature	180	°C
Die Temperature	180	°C

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Recommended distributors for this material

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