# PULSE™ XT9215

### PC/ABS Engineering Resin

Trinseo

#### Message:

PULSE 9215 is an easy flow, high-heat, low density mineral filled PC/ABS resin delivering optimized performance for automotive exterior component applications requiring low CLTE for a better dimensional stability.

Benefits

Very low CLTE for an improved dimensional stability (smaller gaps) and a better fit and finish for optimal quality

High ductility and easy flow for more design freedom (larger/longer parts, optimized wall thickness) and better economics (improved cycle time) Significant density advantage (up to 10% compared to a PC/PET) for lighter parts and optimized costs

Faster cycle times for a better process cost control

High gloss for painted applications with enhanced paint adhesion

Applications

Spoilers

Exterior trims

Roof bows

Roof rails

General Information			
Features	Low density		
	Highlight		
	Sprayable		
	Fast molding cycle		
	High liquidity		
	Heat resistance, medium		
Uses	Application in Automobile Field		
	Automotive exterior parts		
	Car exterior decoration		
Forms	Particle		
Physical	Nominal Value	Unit	Test Method
Density	1.25	g/cm³	ISO 1183/B
Apparent Density	0.63	g/cm³	ISO 60
Melt Mass-Flow Rate (MFR) (260°C/5.0 kg)	22	g/10 min	ISO 1133
Spiral Flow	44.0	cm	
Molding Shrinkage	0.30 - 0.60	%	ISO 294-4
VOC Content	15.0	µg/g	VDA 277
Mechanical	Nominal Value	Unit	Test Method
Tensile Modulus <sup>1</sup>	4600	MPa	ISO 527-2
Tensile Stress (Yield)	58.0	MPa	ISO 527-2/50
Tensile Strain (Break)	20	%	ISO 527-2/50
Impact	Nominal Value	Unit	Test Method
Charpy Notched Impact Strength			ISO 179/1eA

8.0	kJ/m²	ISO 179/1eA
20	kJ/m²	ISO 179/1eA
Nominal Value	Unit	Test Method
108	°C	ISO 75-2/A
134	°C	ISO 306/B50
3.5E-5	cm/cm/°C	ISO 11359-2
3.5E-5 Nominal Value	cm/cm/°C Unit	ISO 11359-2
3.5E-5 Nominal Value 120	cm/cm/°C Unit °C	ISO 11359-2
3.5E-5   Nominal Value   120   5.5	cm/cm/°C Unit °C hr	ISO 11359-2
3.5E-5   Nominal Value   120   5.5   255 - 280	cm/cm/°C Unit °C hr °C	ISO 11359-2
3.5E-5   Nominal Value   120   5.5   255 - 280   60 - 80	cm/cm/°C Unit °C hr °C °C	ISO 11359-2
3.5E-5   Nominal Value   120   5.5   255 - 280   60 - 80	cm/cm/°C Unit °C hr °C °C	ISO 11359-2
	8.0 20 Nominal Value 108 134	8.0 kJ/m²   20 kJ/m²   Nominal Value Unit   108 °C   134 °C

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