

# CS-1

## Technical Data Sheet

### DESCRIPTION

Coace<sup>®</sup> CS-1 is an anhydride modified polyphenylene oxide.

### TYPICAL PHYSICAL & CHEMICAL PROPERTIES

Characteristics	Value	Unit	Test Method
Appearance	Pellets		
Color	Brownish yellow		
Density	1.10	g/cm <sup>3</sup>	ASTM D792
Melt Flow Rate (280℃/2.16kg)	8-15	g/10min	ASTM D1238
Maleic Anhydride Content	Middle	wt%	COACE Method <sup>[1]</sup>

Notes <sup>[1]</sup> LOW < 0.4wt%; Middle (0.4wt%-0.8wt%); High ≥ 0.8wt%.

### APPLICATIONS

To be used as Compatibilizers for polyamide and polyphenylene oxide alloy.

To be used as Compatibilizers for Polystyrene and polyphenylene oxide alloy.

### STORAGE, HANDLING & SAFETY

Coace<sup>®</sup> CS-1 should be stored in dry conditions and protected from UV-light. Improper storage conditions may cause degradation and have consequences on physical properties of the product.

### SHELF LIFE

2 years from the date of delivery, in unopened packaging.

For any other application over this limit, please contact with your COACE Chemical representative.

This fact sheet is intended as general advice.

Disclaimer: The information submitted in this publication is based on current COACE knowledge and experience. In view of the many factors that may affect its application, this data does not relieve the user from carrying out their own tests. The data does not imply assurance of certain properties or of suitability for a specific purpose. It is the responsibility of the user to ensure that any proprietary rights and existing laws and legislation are observed.