

CPS12 Blend Chemisorbant Media

Basic Information:

CPS12 Blend adsorbent media is a 50/50 percent blend of PureAir 12 potassium permanganate-based media and PureAir AC-X virgin bituminous activated carbon designed for the broadest range removal of corrosive, odorous, or toxic gases.

Note: CPS12 Blend media meets the requirements for UL certification.



General Description	Typical Properties	Removal Capability
<p>CPS12 Blend has the combined properties and benefits of PureAir 12 and activated carbon.</p> <p>PureAir 12: Spherical or cylindrical porous pellets formed from a combination of powdered activated alumina and other binders, suitably impregnated with potassium permanganate to provide optimum adsorption, absorption, and oxidation of a wide variety of gaseous contaminants.</p> <p>PureAir AC-X: Porous, cylindrical pellets of high grade bituminous activated carbon.</p>	<ul style="list-style-type: none">• Particle Size: See base products• Density: 640 kg/m³ (40 lbs/ft³)• Surface Area: See base products• Typical Moisture Content: See base products• Crush Test: See base products• Abrasion Loss: See base products• Relative Pressure Drop: See Curve B*• Permanganate Content: 12% minimum• CTC Value: See base products• Iodine #: See base products <p>*See Media Pressure Drop Curve Data on pages 111-112</p>	<ul style="list-style-type: none">• Hydrogen Sulfide: 12.0% by weight• Sulfur Dioxide: 10.4% by weight• Nitric Oxide: 2.5% by weight• Nitrogen Dioxide: 23.4% by weight• Formaldehyde: 2.1% by weight

