

CPS 12-SP Blend Chemisorbant Media

Basic Information:

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

Note: CPS 12-SP Blend media meets the requirements for UL certification.



General Description	Product Specifications	Removal Capability
CPS 12-SP Blend has the combined properties and benefits of PureAir 12-SP and PureAir Activated Carbon. PureAir 12-SP: Spherical or cylindrical porous pellets formed from a combination of powdered activated alumina and other binders, suitably impregnated with sodium permanganate to provide optimum adsorption, absorption, and oxidation of a wide variety of gaseous contaminants. PureAir AC-X: Porous, cylindrical pellets of high grade bituminous activated carbon.	• 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 *See Curves Details at pureairfiltration.com/curves/	• 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

