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Technical Information

Powdered Activated Carbon SHIRASAGI ML-11

APPLICATION :

Purification of :

- Pharmaceutical products and pharmaceutical process intermediates
- Industrial Chemicals
- Food Stuffs

Decolorization of :

- Starch sugars and sugars
- Glutamic acids and organic acids
- Other chemical intermediates

STANDARD SPECIFICATIONS (AS PACKED) :

Item	Spec.	Testing Method
Caramel decolorization (%)	93.0 min.	JIS K1474
MB value (mg/g)	200 min.	JIS K1474
pH value	6.0 – 8.5	JIS K1474
Ignition residue (%)	4.0 max.	JIS K1474
Chloride (%)	0.030 max.	JIS K1474
Iron (%)	0.008 max.	JIS K1474
Loss on drying (%)	5.0 max.	JIS K1474
Specific filtration rate	30 - 70	JEC Method
Particle size 0.075 mm <	10 - 20	JWWA K113

PACKING : 14kgs new weight paper bag

HANDLING PRECAUTION :

Wet activated carbon significantly lowers oxygen levels by removing oxygen from air, which causes a severe hazard to workers inside activated carbon vessels and enclosed or confined spaces. Before entering such areas, work procedures for low oxygen levels should be taken to ensure ample oxygen availability according to all local, state and federal regulations.