

## Mixed bed exchangers

This mixed bed exchangers are mixtures of strong acid cation exchangers and strongly basic anion exchanger. They are mainly used in the demineralization of water, working within a pH value of 0-14.

### Ordering information – Mixed bed exchangers

Product	Ordering No.	Form	Size	Anion exchange capacity [mval/mL]	Cation exchange capacity [mval/mL]
Ionexchanger V	1.04836.0500	H <sup>+</sup> / OH <sup>-</sup>	500 g	>0.4	>0.5
Ionexchanger V	1.04836.5000	H <sup>+</sup> / OH <sup>-</sup>	5 kg	>0.4	>0.5
Amberlite® MB-3	1.15127.0500	H <sup>+</sup> / OH <sup>-</sup>	500 mL	>0.6	>0.5
Amberlite® MB-3	1.15127.5000	H <sup>+</sup> / OH <sup>-</sup>	5 L	>0.6	>0.5
Amberlite® IRN-150	1.15965.0500	H <sup>+</sup> / OH <sup>-</sup>	500 mL	>0.6	>0.7
Amberlite® MB-6113	1.15165.0500	H <sup>+</sup> / OH <sup>-</sup>	500 g	>0.6	>0.5

## Adsorber resin

The adsorbent resins are synthetic, mechanically stable, insoluble polystyrene divinyl-benzene polymerical, which are characterized by a macroreticular structure and a non-ionic character. In comparison to ion exchangers they show no shrinking or swelling.

### Ordering information – Adsorber resin

Product	Ordering No.	Size
Amberlite® XAD-4	1.15256.0500	500 mL